Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024598.D
Acq On : 23 Jan 2020 00:54
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02010

Manual Integrations APPROVED
mohammad
1/23/2020 1:52:49 PM

Quant Time: Jan 23 03:21:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 01:22:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	211288	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	946050	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	679071	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1636572	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1628991	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1479687	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	32429	7.50	ng/uL	0.00
5) Phenol-d5	6.64	99	314946	20.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	168895	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	279707	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	278037	19.25	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	146701	22.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	167141	23.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	336032	20.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	364899	20.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1055319	19.83	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	1235585	20.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	193936	21.84	ng/ul	0.00
58) Fluorene-d10	15.10	176	937865	20.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	192840	20.64	ng/ul	0.00
71) Anthracene-d10	16.95	188	1571484	20.65	ng/ul	0.00
79) Pyrene-d10	19.25	212	1876940	21.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1605007	20.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	33088	7.369	ng/uL	98
4) Benzaldehyde	6.60	77	127297	15.326	ng/ul	97
6) Phenol	6.67	94	318540	20.016	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.89	93	245991	19.735	ng/ul	99
10) 2-Chlorophenol	7.02	128	280182	20.931	ng/ul	98
11) 2-Methylphenol	7.90	108	251444	19.277	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.98	45	289411	19.647	ng/ul	98
14) Acetophenone	8.26	105	427801	18.874	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.26	70	202618	18.907	ng/ul	99
16) 4-Methylphenol	8.22	108	281906	19.409	ng/ul	99
17) Hexachloroethane	8.52	117	121944	20.413	ng/ul	96
20) Nitrobenzene	8.63	77	327787	20.376	ng/ul	98
21) Isophorone	9.16	82	596675	18.839	ng/ul	98
23) 2-Nitrophenol	9.33	139	175789	22.332	ng/ul	92
24) 2,4-Dimethylphenol	9.41	107	332848	19.483	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.65	93	352770	19.358	ng/ul	99
27) 2,4-Dichlorophenol	9.86	162	318151	20.238	ng/ul	96
28) Naphthalene	10.26	128	954454	19.693	ng/ul	100
30) 4-Chloroaniline	10.37	127	352678	19.918	ng/ul	98
31) Hexachlorobutadiene	10.56	225	239743	19.160	ng/ul	98
32) Caprolactam	11.13	113	100122m	21.143	ng/ul	
33) 4-Chloro-3-methylphenol	11.51	107	325376	19.914	ng/ul	98
34) 2-Methylnaphthalene	11.88	142	719524	19.132	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024598.D
Acq On : 23 Jan 2020 00:54
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02010

Manual Integrations APPROVED
mohammad
1/23/2020 1:52:49 PM

Quant Time: Jan 23 03:21:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 01:22:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	738996	19.383 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	458254	20.511 ng/ul	98
38) Hexachlorocyclopentadiene	12.25	237	213446	13.210 ng/ul	100
39) 2,4,6-Trichlorophenol	12.51	196	292640	21.409 ng/ul	98
40) 2,4,5-Trichlorophenol	12.58	196	313307	21.408 ng/ul	96
41) 1,1'-Biphenyl	12.92	154	984554	19.970 ng/ul	99
42) 2-Chloronaphthalene	12.96	162	803962	20.271 ng/ul	98
43) 2-Nitroaniline	13.16	65	213832	23.533 ng/ul	99
45) Dimethylphthalate	13.57	163	1089637	20.146 ng/ul	99
46) 2,6-Dinitrotoluene	13.67	165	233495	22.941 ng/ul	96
48) Acenaphthylene	13.81	152	1247727	19.947 ng/ul	99
49) 3-Nitroaniline	14.00	138	178647	21.289 ng/ul	96
50) Acenaphthene	14.16	153	837735	19.787 ng/ul	99
51) 2,4-Dinitrophenol	14.21	184	113461	20.402 ng/ul	98
53) 4-Nitrophenol	14.33	109	172588	20.900 ng/ul	95
54) Dibenzofuran	14.50	168	1227550	19.792 ng/ul	99
55) 2,4-Dinitrotoluene	14.47	165	346139	22.746 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.73	232	316731	22.300 ng/ul#	96
57) Diethylphthalate	14.96	149	1124806	20.253 ng/ul	99
59) Fluorene	15.16	166	1042677	19.883 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.16	204	585707	19.581 ng/ul	96
61) 4-Nitroaniline	15.17	138	199305	19.912 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.24	198	202808	20.526 ng/ul#	95
65) N-Nitrosodiphenylamine	15.37	169	919034	20.219 ng/ul	99
66) 4-Bromophenyl-phenylether	16.05	248	387937	19.995 ng/ul	98
67) Hexachlorobenzene	16.16	284	450715	20.229 ng/ul	98
68) Atrazine	16.34	200	362075	18.928 ng/ul	98
69) Pentachlorophenol	16.51	266	285940	21.556 ng/ul	97
70) Phenanthrene	16.89	178	1814408	20.558 ng/ul	100
72) Anthracene	16.98	178	1866241	20.735 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	464179	19.946 ng/uL	99
74) Pentachlorobenzene	14.43	250	483255	19.616 ng/uL	99
75) Carbazole	17.25	167	1574159	20.787 ng/ul	98
76) Di-n-butylphthalate	17.85	149	1986934	20.870 ng/ul	99
77) Fluoranthene	18.92	202	2332164	21.620 ng/ul	99
80) Pyrene	19.28	202	2392757	21.457 ng/ul	99
81) Butylbenzylphthalate	20.22	149	927918	23.693 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.98	252	608550	17.359 ng/ul	97
83) Benzo(a)anthracene	21.04	228	2342575	21.110 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	1367011	22.049 ng/ul	98
85) Chrysene	21.09	228	2226136	20.819 ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2326070	22.966 ng/ul	100
88) Benzo(b)fluoranthene	22.55	252	2068169	21.147 ng/ul	99
89) Benzo(k)fluoranthene	22.59	252	2054797	21.378 ng/ul	100
91) Benzo(a)pyrene	23.08	252	1783751	20.988 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.24	276	1978764	22.251 ng/ul	97
93) Dibenzo(a,h)anthracene	25.26	278	1673020	22.167 ng/ul	99
94) Benzo(g,h,i)perylene	25.87	276	1565936	22.157 ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024598.D
Acq On : 23 Jan 2020 00:54
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 23 03:21:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 01:22:36 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02010

Manual Integrations APPROVED
mohammad
1/23/2020 1:52:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024598.D
Acq On : 23 Jan 2020 00:54
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 23 03:21:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 01:22:36 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02010

Manual Integrations APPROVED
mohammad
1/23/2020 1:52:49 PM