Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021587.D
Acq On : 22 Jul 2019 17:53
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Manual Integrations APPROVED
mohammad
7/23/2019 8:43:36 AM

Quant Time: Jul 23 04:39:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 20 05:03:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	151258	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	693126	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	484951	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	1244766	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	1417344	20.00	ng/ul	0.00
85) Perylene-d12	23.55	264	1621543	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	21108	6.87	ng/uL	0.00
5) Phenol-d5	6.89	99	226928	19.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	130422	18.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	186339	18.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	198482	21.19	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	97341	17.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	106132	16.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	229485	17.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	240983	20.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	755131	17.78	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	926255	17.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	126347	18.77	ng/ul	0.00
57) Fluorene-d10	15.35	176	664361	17.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	135692	16.22	ng/ul	0.00
70) Anthracene-d10	17.20	188	1113814	17.23	ng/ul	0.00
78) Pyrene-d10	19.50	212	1302634	16.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.41	264	1521205	16.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	22936	7.107	ng/uL	91
4) Benzaldehyde	6.87	77	110909	17.467	ng/ul	98
6) Phenol	6.92	94	234895	20.866	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	175790	20.197	ng/ul	96
10) 2-Chlorophenol	7.27	128	188877	19.414	ng/ul	96
11) 2-Methylphenol	8.15	108	186656	21.760	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.23	45	236017	22.238	ng/ul	99
14) Acetophenone	8.54	105	319688	22.657	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.52	70	161656	22.848	ng/ul	95
16) 4-Methylphenol	8.48	108	204869	22.527	ng/ul	99
17) Hexachloroethane	8.77	117	81762	19.220	ng/ul	98
20) Nitrobenzene	8.92	77	239125	18.699	ng/ul	100
21) Isophorone	9.43	82	468672	20.677	ng/ul	98
23) 2-Nitrophenol	9.62	139	116935	18.188	ng/ul	96
24) 2,4-Dimethylphenol	9.67	107	244087	19.513	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.92	93	275872	19.513	ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	223334	18.962	ng/ul	97
28) Naphthalene	10.54	128	671480	18.615	ng/ul	100
30) 4-Chloroaniline	10.67	127	246150	22.121	ng/ul	96
31) Hexachlorobutadiene	10.81	225	153615	17.648	ng/ul	99
32) Caprolactam	11.47	113	85981m	27.973	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	240168	21.907	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	527311	19.832	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021587.D
Acq On : 22 Jul 2019 17:53
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Manual Integrations APPROVED
mohammad
7/23/2019 8:43:36 AM

Quant Time: Jul 23 04:39:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 20 05:03:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	313759	16.636	ng/ul	99
37) Hexachlorocyclopentadiene	12.49	237	155336	16.190	ng/ul	99
38) 2,4,6-Trichlorophenol	12.78	196	199436	17.768	ng/ul	99
39) 2,4,5-Trichlorophenol	12.85	196	219129	18.419	ng/ul	97
40) 1,1'-Biphenyl	13.18	154	717341	17.674	ng/ul	99
41) 2-Chloronaphthalene	13.22	162	568782	17.486	ng/ul	98
42) 2-Nitroaniline	13.45	65	136785	19.245	ng/ul	96
44) Dimethylphthalate	13.82	163	770304	19.477	ng/ul	98
45) 2,6-Dinitrotoluene	13.95	165	136859	19.003	ng/ul	99
47) Acenaphthylene	14.07	152	848003	18.278	ng/ul	100
48) 3-Nitroaniline	14.28	138	116600	17.998	ng/ul	95
49) Acenaphthene	14.42	153	616007	18.272	ng/ul	99
50) 2,4-Dinitrophenol	14.50	184	83677	19.320	ng/ul	96
52) 4-Nitrophenol	14.59	109	105267	20.997	ng/ul	95
53) Dibenzofuran	14.76	168	906610	18.564	ng/ul	98
54) 2,4-Dinitrotoluene	14.74	165	224734	20.345	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.99	232	208565	19.671	ng/ul	98
56) Diethylphthalate	15.19	149	751399	19.789	ng/ul	98
58) Fluorene	15.41	166	750008	18.983	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	416219	18.850	ng/ul	98
60) 4-Nitroaniline	15.45	138	120964	18.185	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.50	198	143594	17.250	ng/ul	99
64) N-Nitrosodiphenylamine	15.62	169	652035	17.609	ng/ul	99
65) 4-Bromophenyl-phenylether	16.30	248	265998	17.271	ng/ul	98
66) Hexachlorobenzene	16.40	284	321147	17.539	ng/ul	99
67) Atrazine	16.58	200	294120	21.500	ng/ul	99
68) Pentachlorophenol	16.76	266	174385	18.068	ng/ul	99
69) Phenanthrene	17.15	178	1267957	18.065	ng/ul	99
71) Anthracene	17.24	178	1295672	18.137	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.14	216	313212	15.350	ng/uL	99
73) Pentachlorobenzene	14.67	250	363070	17.272	ng/uL	99
74) Carbazole	17.52	167	1112897	18.769	ng/ul	99
75) Di-n-butylphthalate	18.07	149	1256718	18.500	ng/ul	99
76) Fluoranthene	19.17	202	1584964	19.018	ng/ul	99
79) Pyrene	19.53	202	1649184	17.581	ng/ul	98
80) Butylbenzylphthalate	20.44	149	563002	16.944	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.23	252	518978	16.468	ng/ul	99
82) Benzo(a)anthracene	21.29	228	1789186	18.433	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.21	149	843516	17.258	ng/ul	99
84) Chrysene	21.34	228	1684770	18.464	ng/ul	99
86) Di-n-octyl phthalate	22.09	149	1466028	16.736	ng/ul	100
87) Benzo(b)fluoranthene	22.87	252	1903380	18.836	ng/ul	99
88) Benzo(k)fluoranthene	22.92	252	1799727	17.881	ng/ul	99
90) Benzo(a)pyrene	23.46	252	1795559	18.397	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.81	276	2251005	18.671	ng/ul	99
92) Dibenzo(a,h)anthracene	25.82	278	1896391	18.711	ng/ul	99
93) Benzo(g,h,i)perylene	26.51	276	1841318	18.512	ng/ul	100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021587.D
Acq On : 22 Jul 2019 17:53
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 23 04:39:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 20 05:03:12 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Manual Integrations APPROVED
mohammad
7/23/2019 8:43:36 AM