Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025761.D
Acq On : 25 Mar 2020 11:06
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02061

Manual Integrations APPROVED
mohammad
3/27/2020 8:14:26 AM

Quant Time: Mar 25 15:57:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 25 07:24:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	203938	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	873819	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.21	164	565785	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1195067	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1190564	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1405410	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	34799	7.16	ng/uL	0.00
5) Phenol-d5	6.75	99	319745	19.87	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	175017	19.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	265597	20.33	ng/ul	-0.01
13) 4-Methylphenol-d8	8.28	113	258177	19.52	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	128257	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	143336	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	279962	19.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	341013	20.80	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	783586	18.22	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	933417	18.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	146975	17.95	ng/ul	0.00
58) Fluorene-d10	15.20	176	677668	17.95	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	123318	16.91	ng/ul	0.00
71) Anthracene-d10	17.05	188	1034205	18.53	ng/ul	0.00
79) Pyrene-d10	19.35	212	1113502	19.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1348470	18.74	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	33956	6.487	ng/uL	90
4) Benzaldehyde	6.72	77	200799	23.555	ng/ul	98
6) Phenol	6.78	94	333808	19.860	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.00	93	250071	18.788	ng/ul	98
10) 2-Chlorophenol	7.14	128	288098	20.951	ng/ul	98
11) 2-Methylphenol	8.02	108	255835	19.893	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	340197	19.156	ng/ul	97
14) Acetophenone	8.38	105	409491	20.074	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.37	70	206192	20.176	ng/ul	99
16) 4-Methylphenol	8.34	108	280186	19.957	ng/ul	95
17) Hexachloroethane	8.63	117	110670	19.359	ng/ul	96
20) Nitrobenzene	8.75	77	300754	19.008	ng/ul	96
21) Isophorone	9.28	82	563830	19.296	ng/ul	97
23) 2-Nitrophenol	9.46	139	155194	20.014	ng/ul	97
24) 2,4-Dimethylphenol	9.53	107	303400	19.295	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.76	93	344222	18.381	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	282013	20.131	ng/ul	98
28) Naphthalene	10.39	128	890584	18.714	ng/ul	99
30) 4-Chloroaniline	10.49	127	353509	21.250	ng/ul	100
31) Hexachlorobutadiene	10.69	225	165338	18.065	ng/ul	97
32) Caprolactam	11.26	113	87813m	18.956	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	288779	19.830	ng/ul	97
34) 2-Methylnaphthalene	12.00	142	658659	19.377	ng/ul	99

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35) 1-Methylnaphthalene	12.23	142	629054	18.558	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	336423	18.800	ng/ul	99
38) Hexachlorocyclopentadiene	12.37	237	226785	18.570	ng/ul	96
39) 2,4,6-Trichlorophenol	12.63	196	217732	19.139	ng/ul	99
40) 2,4,5-Trichlorophenol	12.70	196	242316	19.568	ng/ul	97
41) 1,1'-Biphenyl	13.03	154	852769	18.863	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	649808	18.250	ng/ul	99
43) 2-Nitroaniline	13.27	65	178272	20.033	ng/ul	97
45) Dimethylphthalate	13.67	163	800164	17.877	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	168363	19.124	ng/ul	95
48) Acenaphthylene	13.93	152	1016222	18.213	ng/ul	99
49) 3-Nitroaniline	14.11	138	167142	21.044	ng/ul	98
50) Acenaphthene	14.27	153	693887	18.294	ng/ul	99
51) 2,4-Dinitrophenol	14.32	184	118487	22.434	ng/ul	99
53) 4-Nitrophenol	14.43	109	163544	25.556	ng/ul	92
54) Dibenzofuran	14.61	168	1002141	18.625	ng/ul	99
55) 2,4-Dinitrotoluene	14.58	165	243356	18.907	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.84	232	214402	19.102	ng/ul	99
57) Diethylphthalate	15.05	149	791214	17.246	ng/ul	99
59) Fluorene	15.26	166	811341	17.926	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.26	204	402826	17.390	ng/ul	97
61) 4-Nitroaniline	15.28	138	184569	19.529	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.34	198	138918	17.422	ng/ul#	99
65) N-Nitrosodiphenylamine	15.47	169	709777	19.220	ng/ul	100
66) 4-Bromophenyl-phenylether	16.16	248	272955	18.521	ng/ul	97
67) Hexachlorobenzene	16.27	284	314589	17.385	ng/ul	98
68) Atrazine	16.44	200	245993	17.662	ng/ul	99
69) Pentachlorophenol	16.61	266	264931	25.068	ng/ul	99
70) Phenanthrene	17.00	178	1273928	18.110	ng/ul	99
72) Anthracene	17.09	178	1302240	18.165	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	331593	18.108	ng/uL	98
74) Pentachlorobenzene	14.53	250	364152	17.864	ng/uL	99
75) Carbazole	17.36	167	1182244	18.870	ng/ul	99
76) Di-n-butylphthalate	17.94	149	1328524	18.162	ng/ul	99
77) Fluoranthene	19.02	202	1472504	17.759	ng/ul	100
80) Pyrene	19.38	202	1500030	18.760	ng/ul	99
81) Butylbenzylphthalate	20.30	149	615109	20.198	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	526598	19.466	ng/ul	99
83) Benzo(a)anthracene	21.13	228	1507226	19.202	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	884436	18.723	ng/ul	99
85) Chrysene	21.19	228	1378540	17.900	ng/ul	100
87) Di-n-octyl phthalate	21.95	149	1513038	17.967	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1664664	18.984	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	1503587	17.406	ng/ul	99
91) Benzo(a)pyrene	23.20	252	1542699	19.332	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.43	276	1905187	18.078	ng/ul	99
93) Dibenzo(a,h)anthracene	25.44	278	1620207	18.155	ng/ul	99
94) Benzo(g,h,i)perylene	26.07	276	1592845	18.339	ng/ul	98

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

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