Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024427.D
Acq On : 09 Jan 2020 16:43
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02012

Quant Time: Jan 09 17:18:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 08 14:27:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	240394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	947286	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	575863	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1285072	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1319381	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	1562427	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	53060	9.52	ng/uL	0.00
5) Phenol-d5	6.68	99	360408	19.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	224218	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	306558	19.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	287219	19.05	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	147335	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	128916	18.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	292823	19.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	301026	17.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	864941	20.91	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1085203	20.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	147476	20.22	ng/ul	0.00
58) Fluorene-d10	15.14	176	771688	21.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	89181	15.49	ng/ul	0.00
71) Anthracene-d10	16.99	188	1192973	19.82	ng/ul	0.00
79) Pyrene-d10	19.29	212	1336149	18.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1574184	19.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	52141	9.307	ng/uL	97
4) Benzaldehyde	6.65	77	159614	15.375	ng/ul	97
6) Phenol	6.71	94	373943	19.546	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.93	93	300878	20.068	ng/ul	99
10) 2-Chlorophenol	7.07	128	310788	19.649	ng/ul	97
11) 2-Methylphenol	7.94	108	274465	19.073	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.03	45	401855	19.925	ng/ul	98
14) Acetophenone	8.30	105	484896	20.908	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.30	70	237610	20.258	ng/ul	99
16) 4-Methylphenol	8.26	108	295292	19.167	ng/ul	99
17) Hexachloroethane	8.56	117	140245	20.337	ng/ul	97
20) Nitrobenzene	8.67	77	373142	21.382	ng/ul	96
21) Isophorone	9.20	82	638703	20.052	ng/ul	99
23) 2-Nitrophenol	9.38	139	149102	19.864	ng/ul	98
24) 2,4-Dimethylphenol	9.46	107	335498	19.641	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.69	93	377925	19.811	ng/ul	99
27) 2,4-Dichlorophenol	9.91	162	286300	20.017	ng/ul	94
28) Naphthalene	10.30	128	989205	20.202	ng/ul	99
30) 4-Chloroaniline	10.42	127	296420	17.978	ng/ul	97
31) Hexachlorobutadiene	10.62	225	218903	21.083	ng/ul	99
32) Caprolactam	11.16	113	86777	19.947	ng/ul	97
33) 4-Chloro-3-methylphenol	11.56	107	291801	19.520	ng/ul	97
34) 2-Methylnaphthalene	11.93	142	683626	20.154	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	686140	20.215 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	373421	19.764 ng/ul	97
38) Hexachlorocyclopentadiene	12.30	237	286200	20.691 ng/ul	98
39) 2,4,6-Trichlorophenol	12.56	196	215931	19.308 ng/ul	100
40) 2,4,5-Trichlorophenol	12.62	196	228175	18.981 ng/ul	98
41) 1,1'-Biphenyl	12.97	154	884037	20.010 ng/ul	99
42) 2-Chloronaphthalene	13.00	162	719361	20.316 ng/ul	98
43) 2-Nitroaniline	13.20	65	189637	22.073 ng/ul	96
45) Dimethylphthalate	13.61	163	893603	21.053 ng/ul	100
46) 2,6-Dinitrotoluene	13.72	165	172316	22.634 ng/ul	97
48) Acenaphthylene	13.86	152	1132717	20.583 ng/ul	99
49) 3-Nitroaniline	14.04	138	126507	17.902 ng/ul	97
50) Acenaphthene	14.20	153	749003	20.469 ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	83554	25.546 ng/ul#	84
53) 4-Nitrophenol	14.36	109	144309	22.685 ng/ul	92
54) Dibenzofuran	14.54	168	1064985	21.079 ng/ul	98
55) 2,4-Dinitrotoluene	14.50	165	251803	23.842 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.77	232	199183	20.723 ng/ul#	93
57) Diethylphthalate	14.99	149	918168	22.000 ng/ul	98
59) Fluorene	15.19	166	874601	20.959 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.20	204	465088	21.367 ng/ul	95
61) 4-Nitroaniline	15.20	138	146739	17.391 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.27	198	102564	16.261 ng/ul#	98
65) N-Nitrosodiphenylamine	15.42	169	722202	18.902 ng/ul	98
66) 4-Bromophenyl-phenylether	16.10	248	289621	20.027 ng/ul	97
67) Hexachlorobenzene	16.20	284	336635	20.031 ng/ul	97
68) Atrazine	16.38	200	276119	19.443 ng/ul	99
69) Pentachlorophenol	16.54	266	166244	18.201 ng/ul	96
70) Phenanthrene	16.93	178	1386952	19.789 ng/ul	99
72) Anthracene	17.02	178	1438436	20.030 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	371741	18.201 ng/uL	99
74) Pentachlorobenzene	14.47	250	381637	19.402 ng/uL	98
75) Carbazole	17.29	167	1231641	19.869 ng/ul	99
76) Di-n-butylphthalate	17.89	149	1557103	21.445 ng/ul	99
77) Fluoranthene	18.96	202	1678067	20.585 ng/ul	99
80) Pyrene	19.32	202	1755002	19.237 ng/ul	99
81) Butylbenzylphthalate	20.26	149	621324	18.922 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.02	252	441831	14.531 ng/ul	98
83) Benzo(a)anthracene	21.08	228	1792944	19.944 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1019706	20.412 ng/ul	99
85) Chrysene	21.13	228	1730745	19.955 ng/ul	100
87) Di-n-octyl phthalate	21.92	149	1765683	20.344 ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	1892432	19.838 ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	1867864	19.972 ng/ul	99
91) Benzo(a)pyrene	23.14	252	1762869	19.933 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.33	276	2257453	19.809 ng/ul	100
93) Dibenzo(a,h)anthracene	25.34	278	1932280	19.997 ng/ul	98
94) Benzo(g,h,i)perylene	25.96	276	1875418	19.625 ng/ul	99

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

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