Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027055.D
Acq On : 13 Aug 2020 08:56
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02017

Quant Time: Aug 13 11:28:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 11:04:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	75007	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	274862	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	190992	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	434665	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	494412	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	523890	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	15362	9.31	ng/uL	0.00
5) Phenol-d5	6.82	99	109252	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	77718	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	89161	19.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	85064	18.71	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	41310	18.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	42427	18.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	97366	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	113311	20.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	290983	19.11	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	360392	19.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	47370	18.42	ng/ul	0.00
58) Fluorene-d10	15.27	176	275276	20.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	42304	17.82	ng/ul	0.00
71) Anthracene-d10	17.12	188	424905	19.84	ng/ul	0.00
79) Pyrene-d10	19.42	212	488398	19.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	580820	19.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	16657	7.938	ng/uL	98
4) Benzaldehyde	6.79	77	84123	14.837	ng/ul	96
6) Phenol	6.85	94	123094	20.017	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.07	93	97954	19.298	ng/ul	98
10) 2-Chlorophenol	7.21	128	95962	19.960	ng/ul	99
11) 2-Methylphenol	8.08	108	86298	19.320	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	71783	18.564	ng/ul	93
14) Acetophenone	8.45	105	156261	20.448	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	91389	20.614	ng/ul	99
16) 4-Methylphenol	8.40	108	94092	19.601	ng/ul	98
17) Hexachloroethane	8.71	117	49723	20.677	ng/ul	98
20) Nitrobenzene	8.82	77	141410	19.881	ng/ul	95
21) Isophorone	9.35	82	219581	19.456	ng/ul	99
23) 2-Nitrophenol	9.53	139	49584	19.799	ng/ul#	92
24) 2,4-Dimethylphenol	9.60	107	121808	21.323	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	129841	20.307	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	102452	21.474	ng/ul	97
28) Naphthalene	10.46	128	303441	19.862	ng/ul	99
30) 4-Chloroaniline	10.57	127	118240	21.281	ng/ul	96
31) Hexachlorobutadiene	10.76	225	84910	21.110	ng/ul	98
32) Caprolactam	11.32	113	23177	17.476	ng/ul	85
33) 4-Chloro-3-methylphenol	11.70	107	100549	19.944	ng/ul	96
34) 2-Methylnaphthalene	12.08	142	226302	20.198	ng/ul	96

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35) 1-Methylnaphthalene	12.30	142	210959	19.126	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	145057	20.524	ng/ul	99
38) Hexachlorocyclopentadiene	12.45	237	94548	20.289	ng/ul	98
39) 2,4,6-Trichlorophenol	12.70	196	83306	20.054	ng/ul	94
40) 2,4,5-Trichlorophenol	12.77	196	92237	20.863	ng/ul	99
41) 1,1'-Biphenyl	13.10	154	308708	19.779	ng/ul	99
42) 2-Chloronaphthalene	13.14	162	251256	19.855	ng/ul	98
43) 2-Nitroaniline	13.34	65	74034	20.197	ng/ul	93
45) Dimethylphthalate	13.73	163	311475	19.515	ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	58204	19.152	ng/ul	98
48) Acenaphthylene	13.99	152	369615	20.032	ng/ul	99
49) 3-Nitroaniline	14.17	138	54635	20.230	ng/ul	99
50) Acenaphthene	14.34	153	261856	20.024	ng/ul	98
51) 2,4-Dinitrophenol	14.38	184	27852	17.635	ng/ul	97
53) 4-Nitrophenol	14.49	109	57866	21.137	ng/ul	96
54) Dibenzofuran	14.67	168	392348	20.966	ng/ul	98
55) 2,4-Dinitrotoluene	14.63	165	87500	19.826	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	14.90	232	82226	20.636	ng/ul	98
57) Diethylphthalate	15.11	149	325343	20.321	ng/ul	100
59) Fluorene	15.33	166	323401	20.651	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.33	204	173967	20.384	ng/ul	98
61) 4-Nitroaniline	15.33	138	61283	19.866	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.40	198	45830	17.443	ng/ul	100
65) N-Nitrosodiphenylamine	15.53	169	275161	21.130	ng/ul	98
66) 4-Bromophenyl-phenylether	16.22	248	110482	20.322	ng/ul	98
67) Hexachlorobenzene	16.33	284	128893	20.215	ng/ul	98
68) Atrazine	16.49	200	101084	19.144	ng/ul	98
69) Pentachlorophenol	16.67	266	67990	19.243	ng/ul	96
70) Phenanthrene	17.06	178	524833	20.140	ng/ul	99
72) Anthracene	17.15	178	539713	20.355	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	139629	20.539	ng/uL	98
74) Pentachlorobenzene	14.60	250	140889	19.869	ng/uL	100
75) Carbazole	17.42	167	459523	20.532	ng/ul	99
76) Di-n-butylphthalate	18.00	149	545717	19.899	ng/ul	99
77) Fluoranthene	19.08	202	625155	19.784	ng/ul	97
80) Pyrene	19.44	202	655135	19.522	ng/ul	98
81) Butylbenzylphthalate	20.36	149	235092	19.059	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.13	252	211419	18.950	ng/ul	99
83) Benzo(a)anthracene	21.20	228	664803	19.974	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	361426	19.395	ng/ul	98
85) Chrysene	21.25	228	654793	20.042	ng/ul	99
87) Di-n-octyl phthalate	22.02	149	609354	17.385	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	701710	19.289	ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	719796	19.964	ng/ul	100
91) Benzo(a)pyrene	23.32	252	642525	19.407	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.60	276	844288	19.792	ng/ul	99
93) Dibenzo(a,h)anthracene	25.61	278	709385	19.632	ng/ul	99
94) Benzo(g,h,i)perylene	26.27	276	693897	19.693	ng/ul	99

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

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