Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026023.D
Acq On : 19 May 2020 19:03
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02064

Quant Time: May 19 19:38:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 19 10:05:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	167626	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	700154	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	410684	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	855394	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	868994	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	881107	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	40633	7.31	ng/uL	0.00
5) Phenol-d5	6.69	99	323763	21.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	219524	20.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	237712	19.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	247275	21.58	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	115187	20.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	119395	21.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	226572	19.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	293238	25.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	637807	19.37	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	783851	20.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	119350	20.46	ng/ul	0.00
58) Fluorene-d10	15.15	176	554288	19.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	95680	19.18	ng/ul	0.00
71) Anthracene-d10	16.99	188	817796	19.40	ng/ul	0.00
79) Pyrene-d10	19.29	212	901335	20.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	933998	19.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	42683	7.39	ng/uL	95
4) Benzaldehyde	6.65	77	227206	22.96	ng/ul	99
6) Phenol	6.72	94	354037	20.77	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.94	93	271860	20.73	ng/ul	97
10) 2-Chlorophenol	7.08	128	256599	19.78	ng/ul	96
11) 2-Methylphenol	7.95	108	253982	21.62	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.04	45	500094	21.01	ng/ul	98
14) Acetophenone	8.32	105	408884	21.27	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.31	70	232192	20.49	ng/ul	94
16) 4-Methylphenol	8.28	108	274486	21.49	ng/ul	97
17) Hexachloroethane	8.56	117	109099	19.60	ng/ul	97
20) Nitrobenzene	8.69	77	339650	19.37	ng/ul	97
21) Isophorone	9.21	82	591590	20.29	ng/ul	99
23) 2-Nitrophenol	9.39	139	137289	20.92	ng/ul	95
24) 2,4-Dimethylphenol	9.47	107	303433	19.35	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.70	93	356692	19.40	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	235936	20.07	ng/ul	98
28) Naphthalene	10.32	128	820155	19.16	ng/ul	99
30) 4-Chloroaniline	10.43	127	304320	25.34	ng/ul	98
31) Hexachlorobutadiene	10.61	225	152491	19.33	ng/ul	98
32) Caprolactam	11.19	113	68427	20.92	ng/ul	91
33) 4-Chloro-3-methylphenol	11.57	107	276422	20.30	ng/ul	97
34) 2-Methylnaphthalene	11.93	142	557654	19.37	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	520796	19.50	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	284579	19.33	ng/ul	99
38) Hexachlorocyclopentadiene	12.30	237	170499	20.09	ng/ul	96
39) 2,4,6-Trichlorophenol	12.56	196	179227	20.93	ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	192133	20.33	ng/ul	98
41) 1,1'-Biphenyl	12.97	154	708723	19.45	ng/ul	100
42) 2-Chloronaphthalene	13.00	162	536747	19.09	ng/ul	99
43) 2-Nitroaniline	13.22	65	196995	20.78	ng/ul	98
45) Dimethylphthalate	13.62	163	660193	19.09	ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	133131	20.98	ng/ul	99
48) Acenaphthylene	13.86	152	844438	19.71	ng/ul	99
49) 3-Nitroaniline	14.05	138	137123	24.28	ng/ul	100
50) Acenaphthene	14.21	153	583415	19.31	ng/ul	100
51) 2,4-Dinitrophenol	14.27	184	64135	18.39	ng/ul	92
53) 4-Nitrophenol	14.37	109	105126	20.26	ng/ul	96
54) Dibenzofuran	14.55	168	809092	19.06	ng/ul	99
55) 2,4-Dinitrotoluene	14.52	165	192908	20.52	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.78	232	161857	20.37	ng/ul	95
57) Diethylphthalate	15.00	149	664093	19.42	ng/ul	99
59) Fluorene	15.20	166	660161	19.22	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.20	204	324154	18.91	ng/ul	100
61) 4-Nitroaniline	15.22	138	151091	21.42	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.29	198	101691	19.37	ng/ul	94
65) N-Nitrosodiphenylamine	15.42	169	560581	19.55	ng/ul	98
66) 4-Bromophenyl-phenylether	16.10	248	195734	19.65	ng/ul	98
67) Hexachlorobenzene	16.21	284	216813	19.36	ng/ul	100
68) Atrazine	16.38	200	193300	20.59	ng/ul	99
69) Pentachlorophenol	16.56	266	123379	20.00	ng/ul	99
70) Phenanthrene	16.93	178	1022053	18.97	ng/ul	99
72) Anthracene	17.03	178	1045835	19.35	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	280125	19.61	ng/uL	98
74) Pentachlorobenzene	14.47	250	264322	19.50	ng/uL	99
75) Carbazole	17.30	167	930880	20.81	ng/ul	99
76) Di-n-butylphthalate	17.89	149	1087147	20.30	ng/ul	99
77) Fluoranthene	18.96	202	1162825	20.57	ng/ul	98
80) Pyrene	19.32	202	1214450	19.91	ng/ul	99
81) Butylbenzylphthalate	20.25	149	468202	21.68	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.02	252	370595	23.29	ng/ul	98
83) Benzo(a)anthracene	21.08	228	1164726	19.45	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	720584	21.53	ng/ul	99
85) Chrysene	21.13	228	1142571	19.19	ng/ul	100
87) Di-n-octyl phthalate	21.89	149	1186513	21.43	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	1155979	19.40	ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	1167157	19.61	ng/ul	99
91) Benzo(a)pyrene	23.13	252	1034480	19.72	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	1314159	19.31	ng/ul	98
93) Dibenzo(a,h)anthracene	25.32	278	1099926	19.08	ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	1088528	19.16	ng/ul	98

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

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