Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026121.D
Acq On : 26 May 2020 19:23
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02077

Quant Time: May 27 03:23:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	156889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	648002	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	381861	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	821895	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	869903	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	901471	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	29847	5.74	ng/uL	0.00
5) Phenol-d5	6.69	99	261765	18.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	175560	17.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	197076	17.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	202760	18.90	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	94628	17.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	100616	19.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	191071	18.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	242157	22.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	535947	17.50	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	647180	17.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	96906	17.87	ng/ul	0.00
58) Fluorene-d10	15.13	176	466398	17.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	80401	16.78	ng/ul	0.00
71) Anthracene-d10	16.98	188	709884	17.53	ng/ul	0.00
79) Pyrene-d10	19.28	212	788590	17.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	851317	17.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	33829	6.26	ng/uL	92
4) Benzaldehyde	6.64	77	178126	19.23	ng/ul	96
6) Phenol	6.71	94	288532	18.08	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.93	93	222546	18.13	ng/ul	99
10) 2-Chlorophenol	7.06	128	215119	17.72	ng/ul	95
11) 2-Methylphenol	7.94	108	205286	18.67	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.03	45	389930	17.50	ng/ul	99
14) Acetophenone	8.30	105	334715	18.60	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.30	70	185447	17.49	ng/ul	95
16) 4-Methylphenol	8.27	108	223461	18.69	ng/ul	99
17) Hexachloroethane	8.55	117	87939	16.88	ng/ul	94
20) Nitrobenzene	8.67	77	270640	16.68	ng/ul	96
21) Isophorone	9.20	82	465646	17.26	ng/ul	98
23) 2-Nitrophenol	9.38	139	112956	18.60	ng/ul	89
24) 2,4-Dimethylphenol	9.46	107	247584	17.06	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.69	93	288655	16.96	ng/ul	99
27) 2,4-Dichlorophenol	9.91	162	193464	17.78	ng/ul	99
28) Naphthalene	10.30	128	674115	17.01	ng/ul	99
30) 4-Chloroaniline	10.42	127	252211	22.69	ng/ul	98
31) Hexachlorobutadiene	10.60	225	125972	17.25	ng/ul	97
32) Caprolactam	11.19	113	58487	19.32	ng/ul	95
33) 4-Chloro-3-methylphenol	11.56	107	223900	17.77	ng/ul	97
34) 2-Methylnaphthalene	11.92	142	463438	17.39	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	433390	17.53 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	241424	17.64 ng/ul	98
38) Hexachlorocyclopentadiene	12.29	237	128468	16.28 ng/ul	96
39) 2,4,6-Trichlorophenol	12.55	196	149997	18.84 ng/ul	99
40) 2,4,5-Trichlorophenol	12.62	196	160295	18.24 ng/ul	95
41) 1,1'-Biphenyl	12.96	154	588074	17.36 ng/ul	99
42) 2-Chloronaphthalene	12.99	162	452056	17.29 ng/ul	99
43) 2-Nitroaniline	13.20	65	157207	17.84 ng/ul	99
45) Dimethylphthalate	13.60	163	556583	17.31 ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	112476	19.07 ng/ul	93
48) Acenaphthylene	13.85	152	699274	17.56 ng/ul	99
49) 3-Nitroaniline	14.05	138	113978	21.71 ng/ul	95
50) Acenaphthene	14.20	153	483061	17.20 ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	51886	16.00 ng/ul	85
53) 4-Nitrophenol	14.37	109	82644	17.13 ng/ul	93
54) Dibenzofuran	14.53	168	686882	17.40 ng/ul	100
55) 2,4-Dinitrotoluene	14.51	165	163284	18.68 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.77	232	138707	18.77 ng/ul	98
57) Diethylphthalate	14.99	149	560660	17.64 ng/ul	99
59) Fluorene	15.19	166	562458	17.61 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.19	204	281216	17.65 ng/ul	100
61) 4-Nitroaniline	15.22	138	125482	19.13 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.28	198	85466	16.94 ng/ul	92
65) N-Nitrosodiphenylamine	15.40	169	477440	17.33 ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	170400	17.80 ng/ul	98
67) Hexachlorobenzene	16.20	284	191179	17.76 ng/ul	95
68) Atrazine	16.37	200	166287	18.43 ng/ul	99
69) Pentachlorophenol	16.54	266	98354	16.59 ng/ul	97
70) Phenanthrene	16.92	178	886227	17.12 ng/ul	100
72) Anthracene	17.02	178	904189	17.41 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	237163	17.28 ng/uL	99
74) Pentachlorobenzene	14.46	250	224473	17.24 ng/uL	99
75) Carbazole	17.29	167	803820	18.71 ng/ul	98
76) Di-n-butylphthalate	17.87	149	942968	18.32 ng/ul	99
77) Fluoranthene	18.94	202	1019888	18.78 ng/ul	98
80) Pyrene	19.31	202	1072221	17.56 ng/ul	97
81) Butylbenzylphthalate	20.24	149	424496	19.64 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.00	252	340907	21.40 ng/ul	98
83) Benzo(a)anthracene	21.06	228	1047412	17.47 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	642807	19.18 ng/ul	99
85) Chrysene	21.12	228	1029568	17.28 ng/ul	100
87) Di-n-octyl phthalate	21.88	149	1081121	19.08 ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1104030	18.11 ng/ul	99
89) Benzo(k)fluoranthene	22.62	252	1009793	16.58 ng/ul	98
91) Benzo(a)pyrene	23.11	252	935553	17.43 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.28	276	1174446	16.86 ng/ul	98
93) Dibenzo(a,h)anthracene	25.29	278	996877	16.90 ng/ul	99
94) Benzo(g,h,i)perylene	25.91	276	943750	16.24 ng/ul	98

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

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