Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026135.D
Acq On : 27 May 2020 04:36
Operator : MA/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02078

Quant Time: May 27 05:16:20 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	169724	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	695010	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	408687	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	856181	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	870728	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	900778	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	31381	5.58	ng/uL	0.00
5) Phenol-d5	6.68	99	285142	18.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	182950	17.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	217737	18.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	218241	18.81	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	103044	18.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	110340	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	207789	18.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	261709	22.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	564766	17.23	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	696687	17.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	101048	17.41	ng/ul	0.00
58) Fluorene-d10	15.13	176	491994	17.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	85988	17.22	ng/ul	0.00
71) Anthracene-d10	16.97	188	742447	17.60	ng/ul	0.00
79) Pyrene-d10	19.28	212	810855	18.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	857139	17.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	34829	5.96	ng/uL	88
4) Benzaldehyde	6.64	77	192178	19.18	ng/ul	92
6) Phenol	6.71	94	313564	18.17	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.93	93	239186	18.01	ng/ul	96
10) 2-Chlorophenol	7.06	128	231964	17.66	ng/ul	95
11) 2-Methylphenol	7.94	108	222847	18.74	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.02	45	403560	16.74	ng/ul	98
14) Acetophenone	8.30	105	353129	18.14	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.29	70	196664	17.14	ng/ul	93
16) 4-Methylphenol	8.26	108	241403	18.67	ng/ul	99
17) Hexachloroethane	8.55	117	95784	17.00	ng/ul	93
20) Nitrobenzene	8.67	77	288850	16.60	ng/ul	96
21) Isophorone	9.20	82	502912	17.38	ng/ul	99
23) 2-Nitrophenol	9.37	139	123805	19.00	ng/ul	90
24) 2,4-Dimethylphenol	9.45	107	269208	17.30	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.68	93	308341	16.89	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	213705	18.31	ng/ul	99
28) Naphthalene	10.29	128	731533	17.21	ng/ul	99
30) 4-Chloroaniline	10.42	127	271967	22.81	ng/ul	99
31) Hexachlorobutadiene	10.59	225	137299	17.53	ng/ul	97
32) Caprolactam	11.19	113	62997	19.41	ng/ul	98
33) 4-Chloro-3-methylphenol	11.56	107	242300	17.92	ng/ul	95
34) 2-Methylnaphthalene	11.92	142	502418	17.58	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.14	142	463152	17.47 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	259865	17.74 ng/ul	100
38) Hexachlorocyclopentadiene	12.28	237	131594	15.58 ng/ul	98
39) 2,4,6-Trichlorophenol	12.55	196	163913	19.23 ng/ul	97
40) 2,4,5-Trichlorophenol	12.62	196	176222	18.74 ng/ul	97
41) 1,1'-Biphenyl	12.96	154	629053	17.35 ng/ul	99
42) 2-Chloronaphthalene	12.99	162	488075	17.44 ng/ul	97
43) 2-Nitroaniline	13.20	65	164938	17.49 ng/ul	92
45) Dimethylphthalate	13.60	163	590499	17.16 ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	120454	19.08 ng/ul	94
48) Acenaphthylene	13.85	152	750595	17.61 ng/ul	99
49) 3-Nitroaniline	14.04	138	121696	21.66 ng/ul	95
50) Acenaphthene	14.19	153	515870	17.16 ng/ul	98
51) 2,4-Dinitrophenol	14.26	184	55259	15.92 ng/ul	86
53) 4-Nitrophenol	14.37	109	83896	16.24 ng/ul	93
54) Dibenzofuran	14.53	168	721548	17.08 ng/ul	99
55) 2,4-Dinitrotoluene	14.51	165	172762	18.46 ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.77	232	149524	18.91 ng/ul	98
57) Diethylphthalate	14.98	149	584690	17.18 ng/ul	100
59) Fluorene	15.19	166	585985	17.15 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.19	204	295230	17.31 ng/ul	97
61) 4-Nitroaniline	15.21	138	137531	19.59 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.28	198	91085	17.33 ng/ul#	86
65) N-Nitrosodiphenylamine	15.40	169	500984	17.46 ng/ul	98
66) 4-Bromophenyl-phenylether	16.08	248	177806	17.83 ng/ul	98
67) Hexachlorobenzene	16.19	284	198641	17.72 ng/ul	99
68) Atrazine	16.37	200	172856	18.39 ng/ul	98
69) Pentachlorophenol	16.54	266	105624	17.11 ng/ul	98
70) Phenanthrene	16.92	178	924043	17.13 ng/ul	100
72) Anthracene	17.01	178	942713	17.42 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	256934	17.97 ng/uL	99
74) Pentachlorobenzene	14.46	250	240819	17.75 ng/uL	100
75) Carbazole	17.29	167	831458	18.57 ng/ul	98
76) Di-n-butylphthalate	17.87	149	968028	18.06 ng/ul	99
77) Fluoranthene	18.94	202	1051770	18.59 ng/ul	99
80) Pyrene	19.31	202	1087885	17.80 ng/ul	96
81) Butylbenzylphthalate	20.23	149	428721	19.81 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.00	252	352644	22.12 ng/ul	99
83) Benzo(a)anthracene	21.06	228	1052155	17.53 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	636439	18.98 ng/ul	97
85) Chrysene	21.12	228	1020097	17.10 ng/ul	100
87) Di-n-octyl phthalate	21.87	149	1086929	19.20 ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1076705	17.67 ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	1017020	16.71 ng/ul	99
91) Benzo(a)pyrene	23.10	252	935017	17.44 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	1190769	17.11 ng/ul	97
93) Dibenzo(a,h)anthracene	25.29	278	1002954	17.02 ng/ul	99
94) Benzo(g,h,i)perylene	25.90	276	960324	16.53 ng/ul	97

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

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