Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080218\
Data File : BM016169.D
Acq On : 02 Aug 2018 23:53
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02056

Manual Integrations APPROVED
Sohil
8/3/2018 5:56:13 PM

Quant Time: Aug 03 02:27:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 03 01:12:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	59528	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	256312	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	124290	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	225893m	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	207699	20.00	ng/ul	0.00
85) Perylene-d12	24.03	264	212824	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	12451	9.21	ng/uL	0.00
5) Phenol-d5	7.35	99	97842	17.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	64898	18.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	89286	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	80283	17.23	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	40183	21.83	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	45634	21.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	80047	19.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	99926	20.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	214076	18.90	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	263628	20.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	26694	13.60	ng/ul	0.00
57) Fluorene-d10	15.80	176	165597	17.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	23750	15.75	ng/ul	0.00
70) Anthracene-d10	17.64	188	229724	19.86	ng/ul	0.00
78) Pyrene-d10	19.91	212	217938	22.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.87	264	225756	19.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	12780	9.690	ng/uL#	83
4) Benzaldehyde	7.33	77	74504	21.308	ng/ul	87
6) Phenol	7.37	94	98070	17.954	ng/ul#	66
8) Bis(2-Chloroethyl)ether	7.61	93	75975	18.835	ng/ul#	88
10) 2-Chlorophenol	7.75	128	87637	19.976	ng/ul#	89
11) 2-Methylphenol	8.64	108	71065	16.915	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.72	45	107851	16.834	ng/ul#	91
14) Acetophenone	9.03	105	132205	17.079	ng/ul#	78
15) N-Nitroso-di-n-propylamine	9.00	70	68364	17.655	ng/ul#	62
16) 4-Methylphenol	8.97	108	78369	16.891	ng/ul	96
17) Hexachloroethane	9.26	117	45921	23.257	ng/ul#	86
20) Nitrobenzene	9.42	77	109915	21.129	ng/ul	88
21) Isophorone	9.93	82	177406	19.546	ng/ul	96
23) 2-Nitrophenol	10.13	139	47843	21.304	ng/ul#	61
24) 2,4-Dimethylphenol	10.17	107	104112	20.270	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.41	93	98636	18.678	ng/ul	99
27) 2,4-Dichlorophenol	10.66	162	76873	19.374	ng/ul	97
28) Naphthalene	11.06	128	262621	19.333	ng/ul	99
30) 4-Chloroaniline	11.18	127	97906	19.915	ng/ul	99
31) Hexachlorobutadiene	11.32	225	59709	21.422	ng/ul	95
32) Caprolactam	11.97	113	19014	14.217	ng/ul#	68
33) 4-Chloro-3-methylphenol	12.29	107	79354	17.034	ng/ul	98
34) 2-Methylnaphthalene	12.65	142	179404	17.800	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.02	216	88246	22.876 ng/ul#	95
37) Hexachlorocyclopentadiene	12.97	237	27824	15.213 ng/ul	99
38) 2,4,6-Trichlorophenol	13.26	196	55595	22.320 ng/ul	97
39) 2,4,5-Trichlorophenol	13.34	196	55996	21.160 ng/ul	97
40) 1,1'-Biphenyl	13.65	154	221733	21.067 ng/ul	98
41) 2-Chloronaphthalene	13.70	162	172579	21.244 ng/ul	98
42) 2-Nitroaniline	13.92	65	53559	20.604 ng/ul#	74
44) Dimethylphthalate	14.27	163	208895	18.619 ng/ul	99
45) 2,6-Dinitrotoluene	14.41	165	39923	19.914 ng/ul#	60
47) Acenaphthylene	14.55	152	256840	20.296 ng/ul	98
48) 3-Nitroaniline	14.75	138	37882	18.351 ng/ul	91
49) Acenaphthene	14.88	153	178085	19.376 ng/ul	97
50) 2,4-Dinitrophenol	14.97	184	13366	12.065 ng/ul#	2
52) 4-Nitrophenol	15.05	109	37317	15.946 ng/ul#	66
53) Dibenzofuran	15.22	168	238033	18.148 ng/ul#	86
54) 2,4-Dinitrotoluene	15.20	165	56145	17.450 ng/ul#	21
55) 2,3,4,6-Tetrachlorophenol	15.44	232	41725	17.309 ng/ul#	83
56) Diethylphthalate	15.62	149	214023	17.551 ng/ul	96
58) Fluorene	15.86	166	183827	17.299 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.85	204	92657	17.497 ng/ul	90
60) 4-Nitroaniline	15.90	138	33098	14.618 ng/ul#	51
63) 4,6-Dinitro-2-methylphenol	15.96	198	25103	16.259 ng/ul#	72
64) N-Nitrosodiphenylamine	16.06	169	151075	21.591 ng/ul	97
65) 4-Bromophenyl-phenylether	16.73	248	53216m	21.860 ng/ul	
66) Hexachlorobenzene	16.85	284	54918	20.205 ng/ul#	82
67) Atrazine	17.00	200	57670	20.652 ng/ul	92
68) Pentachlorophenol	17.20	266	25857	17.695 ng/ul	96
69) Phenanthrene	17.59	178	257420m	19.274 ng/ul	
71) Anthracene	17.68	178	269114	19.542 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.62	216	89362	28.278 ng/uL	100
73) Pentachlorobenzene	15.13	250	73326	23.717 ng/uL	98
74) Carbazole	17.96	167	224836	18.015 ng/ul	97
75) Di-n-butylphthalate	18.47	149	332881	20.877 ng/ul#	96
76) Fluoranthene	19.58	202	273117	16.294 ng/ul#	94
79) Pyrene	19.94	202	274055	22.383 ng/ul#	93
80) Butylbenzylphthalate	20.80	149	148238	25.166 ng/ul#	86
81) 3,3'-Dichlorobenzidine	21.58	252	89280	19.541 ng/ul	97
82) Benzo(a)anthracene	21.66	228	265195	19.749 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	213565	24.724 ng/ul	94
84) Chrysene	21.71	228	247872	19.733 ng/ul	99
86) Di-n-octyl phthalate	22.45	149	359932	21.593 ng/ul#	83
87) Benzo(b)fluoranthene	23.31	252	263385	19.293 ng/ul	97
88) Benzo(k)fluoranthene	23.36	252	253376	19.415 ng/ul	98
90) Benzo(a)pyrene	23.93	252	249318	18.994 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.43	276	311223	19.284 ng/ul#	92
92) Dibenzo(a,h)anthracene	26.43	278	255840	18.719 ng/ul	96
93) Benzo(g,h,i)perylene	27.17	276	251213	19.467 ng/ul#	93

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

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