Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062618\
Data File : BM015762.D
Acq On : 26 Jun 2018 11:59
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02028

Quant Time: Jun 27 10:48:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 26 01:35:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	95123	20.00	ng/ul	0.00
18) Naphthalene-d8	11.14	136	425526	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.93	164	242933	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	542027	20.00	ng/ul	0.00
77) Chrysene-d12	21.77	240	602656	20.00	ng/ul	0.00
85) Perylene-d12	24.17	264	514711	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	15842	8.09	ng/uL	0.00
5) Phenol-d5	7.46	99	154395	17.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.63	67	94409	18.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.84	132	132422	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	128631	17.29	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	59734	20.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	65738	21.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.76	165	131520	20.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.28	131	168491	23.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.33	166	386120	19.20	ng/ul	0.00
46) Acenaphthylene-d8	14.63	160	444622	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.13	143	61215	15.77	ng/ul	0.00
57) Fluorene-d10	15.92	176	326924	19.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.04	200	56715	17.37	ng/ul	0.00
70) Anthracene-d10	17.76	188	506611	20.50	ng/ul	0.00
78) Pyrene-d10	20.01	212	560189	21.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.02	264	532133	20.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	16516	8.200	ng/uL	89
4) Benzaldehyde	7.45	77	101254	22.370	ng/ul	88
6) Phenol	7.49	94	157461	17.553	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.72	93	117733	17.701	ng/ul#	85
10) 2-Chlorophenol	7.87	128	135513	19.916	ng/ul#	91
11) 2-Methylphenol	8.76	108	122632	17.855	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.84	45	185690	16.685	ng/ul#	87
14) Acetophenone	9.16	105	203604	17.492	ng/ul#	85
15) N-Nitroso-di-n-propylamine	9.13	70	105224	17.085	ng/ul#	71
16) 4-Methylphenol	9.09	108	130990	17.108	ng/ul	98
17) Hexachloroethane	9.40	117	52126	19.435	ng/ul	97
20) Nitrobenzene	9.55	77	166507	21.545	ng/ul	90
21) Isophorone	10.06	82	274493	18.577	ng/ul	97
23) 2-Nitrophenol	10.26	139	75802	21.362	ng/ul#	78
24) 2,4-Dimethylphenol	10.30	107	162033	20.639	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.54	93	163901	18.554	ng/ul	98
27) 2,4-Dichlorophenol	10.79	162	132482	20.820	ng/ul	96
28) Naphthalene	11.19	128	426565	20.028	ng/ul	99
30) 4-Chloroaniline	11.31	127	172063	23.361	ng/ul	97
31) Hexachlorobutadiene	11.45	225	88684	22.721	ng/ul	98
32) Caprolactam	12.09	113	36257	14.916	ng/ul#	65
33) 4-Chloro-3-methylphenol	12.41	107	142457	18.804	ng/ul	99
34) 2-Methylnaphthalene	12.78	142	309449	18.945	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.14	216	155197	22.134	ng/ul#	96
37) Hexachlorocyclopentadiene	13.10	237	37589	13.251	ng/ul	98
38) 2,4,6-Trichlorophenol	13.38	196	99281	21.608	ng/ul	98
39) 2,4,5-Trichlorophenol	13.46	196	108475	21.412	ng/ul	99
40) 1,1'-Biphenyl	13.77	154	397591	20.969	ng/ul	100
41) 2-Chloronaphthalene	13.82	162	310047	21.139	ng/ul	99
42) 2-Nitroaniline	14.03	65	96629	21.260	ng/ul#	75
44) Dimethylphthalate	14.38	163	393435	19.157	ng/ul	100
45) 2,6-Dinitrotoluene	14.52	165	74196	19.480	ng/ul#	74
47) Acenaphthylene	14.66	152	461792	20.393	ng/ul	99
48) 3-Nitroaniline	14.85	138	73782	19.053	ng/ul	90
49) Acenaphthene	15.00	153	335444	20.072	ng/ul	99
50) 2,4-Dinitrophenol	15.07	184	45491	19.966	ng/ul#	1
52) 4-Nitrophenol	15.14	109	67616	19.633	ng/ul#	80
53) Dibenzofuran	15.33	168	465569	19.801	ng/ul	94
54) 2,4-Dinitrotoluene	15.30	165	113665	19.218	ng/ul#	64
55) 2,3,4,6-Tetrachlorophenol	15.55	232	87504	19.099	ng/ul#	92
56) Diethylphthalate	15.73	149	413075	19.136	ng/ul	99
58) Fluorene	15.97	166	377529	19.200	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.96	204	190018	19.413	ng/ul	97
60) 4-Nitroaniline	16.00	138	62724	13.348	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.06	198	60198	17.254	ng/ul#	82
64) N-Nitrosodiphenylamine	16.17	169	325400	20.838	ng/ul	99
65) 4-Bromophenyl-phenylether	16.84	248	114950	20.866	ng/ul	97
66) Hexachlorobenzene	16.97	284	128285	19.923	ng/ul	98
67) Atrazine	17.10	200	121322	21.059	ng/ul	97
68) Pentachlorophenol	17.31	266	62878	16.974	ng/ul	97
69) Phenanthrene	17.70	178	603888	20.301	ng/ul	99
71) Anthracene	17.79	178	615550	20.316	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.75	216	155179	23.738	ng/uL	99
73) Pentachlorobenzene	15.24	250	150844	21.957	ng/uL	98
74) Carbazole	18.06	167	542280	19.362	ng/ul	99
75) Di-n-butylphthalate	18.58	149	697790	20.703	ng/ul#	98
76) Fluoranthene	19.68	202	709804	19.460	ng/ul	97
79) Pyrene	20.04	202	726153	21.479	ng/ul	97
80) Butylbenzylphthalate	20.89	149	347214	22.995	ng/ul	89
81) 3,3'-Dichlorobenzidine	21.67	252	234347	19.050	ng/ul	98
82) Benzo(a)anthracene	21.75	228	746932	20.441	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.63	149	507793	22.876	ng/ul	96
84) Chrysene	21.80	228	683888	19.946	ng/ul	99
86) Di-n-octyl phthalate	22.56	149	873204	26.957	ng/ul#	86
87) Benzo(b)fluoranthene	23.44	252	655195	21.417	ng/ul	98
88) Benzo(k)fluoranthene	23.49	252	647613	22.434	ng/ul	99
90) Benzo(a)pyrene	24.07	252	601551	20.580	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.65	276	639514	17.465	ng/ul#	93
92) Dibenzo(a,h)anthracene	26.66	278	540176	17.483	ng/ul	96
93) Benzo(g,h,i)perylene	27.41	276	510963	16.929	ng/ul#	95

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

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