Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062317\
Data File : BM010684.D
Acq On : 23 Jun 2017 10:28
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02046

Quant Time: Jun 24 03:33:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	65164	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	298600	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	218013	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	569592	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	658480	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	504916	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	9614	8.45	ng/uL	0.00
5) Phenol-d5	6.65	99	110947	17.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	60770	17.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	84583	19.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	97328	18.91	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	41206	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	54202	22.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	107620	20.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	124060	22.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	383103	20.02	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	433780	19.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	63874	18.97	ng/ul	0.00
57) Fluorene-d10	15.12	176	330096	19.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	69427	19.85	ng/ul	0.00
70) Anthracene-d10	16.96	188	544681m	19.80	ng/ul	0.00
76) Pyrene-d10	19.27	212	631053	20.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	492476	20.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	10081	7.935	ng/uL#	48
4) Benzaldehyde	6.62	77	76843	21.033	ng/ul#	82
6) Phenol	6.67	94	112021	17.521	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.90	93	82395	17.701	ng/ul	91
10) 2-Chlorophenol	7.03	128	84738	19.467	ng/ul	97
11) 2-Methylphenol	7.90	108	91409	18.757	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.00	45	52003	16.004	ng/ul#	84
14) Acetophenone	8.27	105	155548	18.510	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.27	70	81823	18.069	ng/ul#	92
16) 4-Methylphenol	8.23	108	100087	18.667	ng/ul	89
17) Hexachloroethane	8.52	117	37701	19.478	ng/ul	83
20) Nitrobenzene	8.65	77	125254	20.151	ng/ul	98
21) Isophorone	9.17	82	221877	17.959	ng/ul	96
23) 2-Nitrophenol	9.35	139	53373	20.503	ng/ul	91
24) 2,4-Dimethylphenol	9.42	107	133070	20.097	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.66	93	124297	18.143	ng/ul	97
27) 2,4-Dichlorophenol	9.87	162	103830	20.644	ng/ul#	88
28) Naphthalene	10.27	128	289714	19.497	ng/ul	98
30) 4-Chloroaniline	10.39	127	122245	22.326	ng/ul	91
31) Hexachlorobutadiene	10.56	225	81996	21.617	ng/ul	93
32) Caprolactam	11.15	113	32492m	18.408	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	127100	19.813	ng/ul	92
34) 2-Methylnaphthalene	11.90	142	242553	20.306	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	158161	20.556	ng/ul#	97
37) Hexachlorocyclopentadiene	12.26	237	82921	18.747	ng/ul	98
38) 2,4,6-Trichlorophenol	12.52	196	105813	20.138	ng/ul	94
39) 2,4,5-Trichlorophenol	12.59	196	108624	20.021	ng/ul	94
40) 1,1'-Biphenyl	12.93	154	337004	19.772	ng/ul	99
41) 2-Chloronaphthalene	12.97	162	269059	20.061	ng/ul#	91
42) 2-Nitroaniline	13.19	65	81631	20.806	ng/ul	95
44) Dimethylphthalate	13.58	163	362876	19.343	ng/ul	99
45) 2,6-Dinitrotoluene	13.70	165	71754	22.082	ng/ul#	85
47) Acenaphthylene	13.83	152	417055	19.670	ng/ul	99
48) 3-Nitroaniline	14.02	138	68583	20.927	ng/ul	97
49) Acenaphthene	14.17	153	276160	19.308	ng/ul	99
50) 2,4-Dinitrophenol	14.23	184	45462	19.318	ng/ul#	69
52) 4-Nitrophenol	14.34	109	100050	23.413	ng/ul#	81
53) Dibenzofuran	14.52	168	428866	19.800	ng/ul	93
54) 2,4-Dinitrotoluene	14.49	165	109564	21.734	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.74	232	109519	19.953	ng/ul#	85
56) Diethylphthalate	14.96	149	380017	19.254	ng/ul	94
58) Fluorene	15.17	166	353229	19.478	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.17	204	202163	20.511	ng/ul	91
60) 4-Nitroaniline	15.20	138	74358	19.210	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.26	198	75196	20.172	ng/ul#	99
64) N-Nitrosodiphenylamine	15.39	169	308163	19.508	ng/ul	99
65) 4-Bromophenyl-phenylether	16.07	248	127319	19.523	ng/ul#	88
66) Hexachlorobenzene	16.17	284	133205	19.394	ng/ul#	80
67) Atrazine	16.35	200	137940	20.727	ng/ul	91
68) Pentachlorophenol	16.52	266	91623	18.921	ng/ul	95
69) Phenanthrene	16.91	178	592912	19.580	ng/ul	99
71) Anthracene	17.00	178	609630	19.541	ng/ul	98
72) Carbazole	17.27	167	517638	19.018	ng/ul	98
73) Di-n-butylphthalate	17.86	149	648813	18.747	ng/ul	99
74) Fluoranthene	18.94	202	757600	19.413	ng/ul	97
77) Pyrene	19.30	202	771915	20.295	ng/ul#	97
78) Butylbenzylphthalate	20.24	149	298045	20.845	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.01	252	265035	20.120	ng/ul#	95
80) Benzo(a)anthracene	21.07	228	766741	19.995	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.03	149	433153	19.856	ng/ul#	98
82) Chrysene	21.12	228	680466	19.903	ng/ul	100
84) Di-n-octyl phthalate	21.88	149	727230	20.612	ng/ul#	95
85) Benzo(b)fluoranthene	22.59	252	705676	21.530	ng/ul	100
86) Benzo(k)fluoranthene	22.63	252	639900	20.594	ng/ul	98
88) Benzo(a)pyrene	23.13	252	606636	20.104	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.33	276	589842	18.848	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.34	278	494967	18.979	ng/ul#	97
91) Benzo(g,h,i)perylene	25.98	276	476188	19.115	ng/ul	100

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

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