Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG072017\
Data File : BG028017.D
Acq On : 21 Jul 2017 9:41
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02068

Quant Time: Jul 21 11:20:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 21 02:24:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	43827	20.00	ng/ul	0.01
18) Naphthalene-d8	11.20	136	184988	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.99	164	133756	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.74	188	369803	20.00	ng/ul	0.01
75) Chrysene-d12	22.07	240	478710	20.00	ng/ul	0.01
83) Perylene-d12	25.58	264	459563	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	5954	7.49	ng/uL	0.00
5) Phenol-d5	7.53	99	65833	18.28	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.69	67	34681	16.70	ng/ul	0.01
9) 2-Chlorophenol-d4	7.92	132	57167	20.20	ng/ul	0.02
13) 4-Methylphenol-d8	9.07	113	55929	18.76	ng/ul	0.02
19) Nitrobenzene-d5	9.54	128	26958	19.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.28	143	33891	20.70	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.81	165	66166	20.65	ng/ul	0.01
29) 4-Chloroaniline-d4	11.34	131	72826	25.14	ng/ul	0.02
43) Dimethylphthalate-d6	14.37	166	244122	21.05	ng/ul	0.01
46) Acenaphthylene-d8	14.69	160	275944	20.94	ng/ul	0.02
51) 4-Nitrophenol-d4	15.17	143	32431	19.31	ng/ul	0.01
57) Fluorene-d10	15.98	176	234167	21.42	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.08	200	48333	18.82	ng/ul	0.01
70) Anthracene-d10	17.84	188	363137	20.36	ng/ul	0.01
76) Pyrene-d10	20.10	212	431394	20.06	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.34	264	441933	20.59	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	6917	7.172	ng/uL#	82
4) Benzaldehyde	7.52	77	39790	17.814	ng/ul#	74
6) Phenol	7.55	94	63618	18.202	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.79	93	44930	17.836	ng/ul#	81
10) 2-Chlorophenol	7.94	128	51130	19.437	ng/ul#	72
11) 2-Methylphenol	8.81	108	46708	18.199	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.90	45	66496	13.998	ng/ul	96
14) Acetophenone	9.20	105	78266	18.622	ng/ul#	77
15) N-Nitroso-di-n-propylamine	9.17	70	37959	17.615	ng/ul	87
16) 4-Methylphenol	9.13	108	52229	18.570	ng/ul	99
17) Hexachloroethane	9.47	117	21232	20.042	ng/ul	92
20) Nitrobenzene	9.59	77	56386	17.919	ng/ul#	84
21) Isophorone	10.10	82	105358	18.382	ng/ul#	93
23) 2-Nitrophenol	10.30	139	32675	20.732	ng/ul#	67
24) 2,4-Dimethylphenol	10.35	107	63734	19.325	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.58	93	63553	18.483	ng/ul#	94
27) 2,4-Dichlorophenol	10.84	162	64572	20.815	ng/ul#	94
28) Naphthalene	11.25	128	172671	19.697	ng/ul	99
30) 4-Chloroaniline	11.35	127	67916	25.336	ng/ul	94
31) Hexachlorobutadiene	11.52	225	54336	21.899	ng/ul	91
32) Caprolactam	12.11	113	20213	21.898	ng/ul#	73
33) 4-Chloro-3-methylphenol	12.45	107	61092	20.656	ng/ul#	76
34) 2-Methylnaphthalene	12.83	142	145042	20.462	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.19	216	105811	21.033	ng/ul#	89
37) Hexachlorocyclopentadiene	13.17	237	43422	14.588	ng/ul	99
38) 2,4,6-Trichlorophenol	13.42	196	65271	21.507	ng/ul	94
39) 2,4,5-Trichlorophenol	13.50	196	70102	21.496	ng/ul	96
40) 1,1'-Biphenyl	13.82	154	200230	19.589	ng/ul	95
41) 2-Chloronaphthalene	13.87	162	166597	20.617	ng/ul	95
42) 2-Nitroaniline	14.07	65	43162	18.691	ng/ul#	75
44) Dimethylphthalate	14.43	163	220345	20.868	ng/ul	97
45) 2,6-Dinitrotoluene	14.55	165	46070	21.569	ng/ul#	84
47) Acenaphthylene	14.72	152	260063	20.085	ng/ul	99
48) 3-Nitroaniline	14.89	138	41444	22.323	ng/ul#	70
49) Acenaphthene	15.05	153	175923	20.081	ng/ul	98
50) 2,4-Dinitrophenol	15.09	184	23002	18.697	ng/ul#	64
52) 4-Nitrophenol	15.19	109	26400	19.513	ng/ul#	76
53) Dibenzofuran	15.39	168	270574	20.889	ng/ul	90
54) 2,4-Dinitrotoluene	15.34	165	69889	22.448	ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.61	232	69184	22.263	ng/ul#	85
56) Diethylphthalate	15.78	149	225832	20.510	ng/ul	96
58) Fluorene	16.03	166	231619	20.799	ng/ul	96
59) 4-Chlorophenyl-phenylether	16.01	204	134045	21.708	ng/ul#	78
60) 4-Nitroaniline	16.05	138	46340	21.033	ng/ul#	63
63) 4,6-Dinitro-2-methylphenol	16.10	198	46289	18.849	ng/ul#	84
64) N-Nitrosodiphenylamine	16.23	169	194930	19.556	ng/ul	95
65) 4-Bromophenyl-phenylether	16.91	248	94718	21.017	ng/ul#	87
66) Hexachlorobenzene	17.04	284	103870	21.922	ng/ul#	92
67) Atrazine	17.17	200	85664	19.533	ng/ul	97
68) Pentachlorophenol	17.38	266	49084	19.069	ng/ul	93
69) Phenanthrene	17.78	178	379197	20.007	ng/ul	97
71) Anthracene	17.87	178	390301	20.090	ng/ul	99
72) Carbazole	18.13	167	316195	19.740	ng/ul	99
73) Di-n-butylphthalate	18.66	149	360206	20.509	ng/ul#	97
74) Fluoranthene	19.77	202	485796	20.939	ng/ul#	95
77) Pyrene	20.13	202	508101	20.033	ng/ul#	94
78) Butylbenzylphthalate	21.00	149	163125	20.062	ng/ul#	77
79) 3,3'-Dichlorobenzidine	21.95	252	171248	22.003	ng/ul	94
80) Benzo(a)anthracene	22.04	228	535737	20.688	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.91	149	228225	19.698	ng/ul#	94
82) Chrysene	22.12	228	477460	20.257	ng/ul	99
84) Di-n-octyl phthalate	23.22	149	391335	18.360	ng/ul	100
85) Benzo(b)fluoranthene	24.46	252	535113	20.405	ng/ul	100
86) Benzo(k)fluoranthene	24.53	252	517191	20.106	ng/ul	99
88) Benzo(a)pyrene	25.42	252	515104	20.328	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.63	276	611765	21.289	ng/ul	99
90) Dibenzo(a,h)anthracene	29.69	278	515401	21.367	ng/ul	97
91) Benzo(g,h,i)perylene	30.90	276	502098	21.178	ng/ul	97

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

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