Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090817\
Data File : BG028605.D
Acq On : 8 Sep 2017 16:13
Operator : SJ/JU
Sample : SSTD08057
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08057

Manual Integrations APPROVED
Sohil
9/11/2017 4:46:41 PM

Quant Time: Sep 08 17:07:54 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG090817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 08 15:50:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	38399	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	157099	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	103306	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	263572m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	320246	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	297798	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	27694	39.75	ng/uL	0.00
5) Phenol-d5	7.50	99	306184	97.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	186394	102.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	220563	88.97	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	249140	95.38	ng/ul	0.01
19) Nitrobenzene-d5	9.51	128	110950	95.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	135476	97.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	255891	94.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	242117	98.43	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	781567	87.27	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	913453	89.73	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	123828	95.48	ng/ul	0.00
57) Fluorene-d10	15.94	176	700542	82.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	159133	86.93	ng/ul	0.01
70) Anthracene-d10	17.81	188	1081575	85.09	ng/ul	0.00
76) Pyrene-d10	20.08	212	1259007	87.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	1240964	89.22	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	29535	34.955	ng/uL#	81
4) Benzaldehyde	7.48	77	183634	93.836	ng/ul	91
6) Phenol	7.52	94	306619	100.131	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.75	93	214751	97.302	ng/ul	94
10) 2-Chlorophenol	7.91	128	211869	91.928	ng/ul	91
11) 2-Methylphenol	8.78	108	219800	97.750	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.86	45	391615	94.090	ng/ul	97
14) Acetophenone	9.16	105	352731	95.788	ng/ul#	89
15) N-Nitroso-di-n-propylamine	9.15	70	196927	104.301	ng/ul#	90
16) 4-Methylphenol	9.11	108	238886	96.944	ng/ul	96
17) Hexachloroethane	9.42	117	86788	93.506	ng/ul	90
20) Nitrobenzene	9.55	77	291908	109.233	ng/ul	97
21) Isophorone	10.07	82	545870	112.147	ng/ul	99
23) 2-Nitrophenol	10.27	139	124048	92.678	ng/ul#	87
24) 2,4-Dimethylphenol	10.31	107	288706	103.081	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.54	93	297186	101.774	ng/ul	93
27) 2,4-Dichlorophenol	10.80	162	228404	86.699	ng/ul	95
28) Naphthalene	11.21	128	670493	90.063	ng/ul	98
30) 4-Chloroaniline	11.32	127	227898	100.110	ng/ul	95
31) Hexachlorobutadiene	11.48	225	182945	86.823	ng/ul	88
32) Caprolactam	12.10	113	80428m	102.602	ng/ul	
33) 4-Chloro-3-methylphenol	12.42	107	266544	106.123	ng/ul	96
34) 2-Methylnaphthalene	12.79	142	516553	85.809	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	333745	85.895	ng/ul	96
37) Hexachlorocyclopentadiene	13.12	237	154773	67.322	ng/ul	99
38) 2,4,6-Trichlorophenol	13.39	196	218768	93.332	ng/ul	92
39) 2,4,5-Trichlorophenol	13.48	196	222209	88.221	ng/ul	97
40) 1,1'-Biphenyl	13.78	154	679335	86.051	ng/ul	99
41) 2-Chloronaphthalene	13.83	162	526731	84.400	ng/ul	95
42) 2-Nitroaniline	14.04	65	213882	119.917	ng/ul	96
44) Dimethylphthalate	14.39	163	708410	86.866	ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	161988	98.195	ng/ul	94
47) Acenaphthylene	14.68	152	849391	84.935	ng/ul	99
48) 3-Nitroaniline	14.86	138	122997	85.779	ng/ul#	99
49) Acenaphthene	15.02	153	582310	86.061	ng/ul	97
50) 2,4-Dinitrophenol	15.07	184	92743	97.605	ng/ul#	84
52) 4-Nitrophenol	15.17	109	117068	112.032	ng/ul#	77
53) Dibenzofuran	15.35	168	843430	84.306	ng/ul	98
54) 2,4-Dinitrotoluene	15.32	165	238593	99.222	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.57	232	214396	89.328	ng/ul	98
56) Diethylphthalate	15.74	149	742567	87.320	ng/ul	97
58) Fluorene	16.00	166	722205	83.969	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.97	204	412138	86.418	ng/ul#	84
60) 4-Nitroaniline	16.03	138	151875	89.254	ng/ul	81
63) 4,6-Dinitro-2-methylphenol	16.09	198	160932m	91.942	ng/ul	
64) N-Nitrosodiphenylamine	16.20	169	615233	86.601	ng/ul	97
65) 4-Bromophenyl-phenylether	16.87	248	281896	87.761	ng/ul	93
66) Hexachlorobenzene	17.01	284	297673	88.147	ng/ul	94
67) Atrazine	17.14	200	270855	86.652	ng/ul	96
68) Pentachlorophenol	17.35	266	142136m	77.475	ng/ul	
69) Phenanthrene	17.75	178	1137505m	84.205	ng/ul	
71) Anthracene	17.84	178	1171428	84.600	ng/ul	98
72) Carbazole	18.11	167	1005889	88.106	ng/ul	99
73) Di-n-butylphthalate	18.63	149	1244892	99.449	ng/ul	98
74) Fluoranthene	19.75	202	1432904	86.654	ng/ul	99
77) Pyrene	20.11	202	1446790	85.270	ng/ul	99
78) Butylbenzylphthalate	20.97	149	588580	108.206	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.91	252	483566	92.876	ng/ul	97
80) Benzo(a)anthracene	22.02	228	1521167	87.809	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.87	149	826038	106.572	ng/ul	95
82) Chrysene	22.09	228	1386140	87.910	ng/ul	98
84) Di-n-octyl phthalate	23.17	149	1407684	101.920	ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	1552752	91.372	ng/ul#	99
86) Benzo(k)fluoranthene	24.50	252	1499401	89.952	ng/ul#	99
88) Benzo(a)pyrene	25.39	252	1509083	91.904	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.61	276	1823270	97.912	ng/ul	98
90) Dibenzo(a,h)anthracene	29.66	278	1534027	98.140	ng/ul	97
91) Benzo(g,h,i)perylene	30.87	276	1481389	96.427	ng/ul	98

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

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