Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101417\
Data File : BG029192.D
Acq On : 13 Oct 2017 12:38
Operator : SJ/JU
Sample : SSTD02059
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTD02059

Quant Time: Oct 13 13:32:39 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 13:31:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	38116	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	160398	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	172885	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	412008	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	392137	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	333420	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	7163	9.04	ng/uL	0.00
5) Phenol-d5	7.31	99	76414	20.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	50856	21.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	55351	20.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	83228	27.80	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	27597	21.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	24275	15.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	59316	21.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	63883	20.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	274994	16.55	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	375828	20.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	51634	18.22	ng/ul	0.00
57) Fluorene-d10	15.78	176	258875	18.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	36183	14.28	ng/ul	0.00
70) Anthracene-d10	17.63	188	405800	19.95	ng/ul	0.00
76) Pyrene-d10	19.89	212	447917	23.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	378491	23.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	8416	8.683	ng/uL#	83
4) Benzaldehyde	7.30	77	56072	27.564	ng/ul	94
6) Phenol	7.34	94	79492	21.483	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.58	93	62482	22.236	ng/ul	96
10) 2-Chlorophenol	7.73	128	55199	21.070	ng/ul	96
11) 2-Methylphenol	8.61	108	57209	20.955	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.70	45	113858	23.101	ng/ul	98
14) Acetophenone	8.99	105	153008	32.713	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.97	70	84478	32.446	ng/ul	99
16) 4-Methylphenol	8.93	108	98960	32.910	ng/ul	99
17) Hexachloroethane	9.27	117	32621	29.905	ng/ul	93
20) Nitrobenzene	9.38	77	77822	21.353	ng/ul	97
21) Isophorone	9.90	82	152466	19.679	ng/ul	98
23) 2-Nitrophenol	10.09	139	28214	18.165	ng/ul	90
24) 2,4-Dimethylphenol	10.14	107	74075	20.886	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.38	93	86737	21.923	ng/ul	98
27) 2,4-Dichlorophenol	10.63	162	58550	22.262	ng/ul	90
28) Naphthalene	11.04	128	180750	22.052	ng/ul	97
30) 4-Chloroaniline	11.14	127	63863	21.462	ng/ul	99
31) Hexachlorobutadiene	11.32	225	45380	23.044	ng/ul	94
32) Caprolactam	11.89	113	23329	20.879	ng/ul	82
33) 4-Chloro-3-methylphenol	12.24	107	69538	19.587	ng/ul	94
34) 2-Methylnaphthalene	12.63	142	136770	21.027	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	79463	12.953 ng/ul	92
37) Hexachlorocyclopentadiene	12.97	237	43934	13.049 ng/ul	99
38) 2,4,6-Trichlorophenol	13.23	196	51758	11.763 ng/ul	95
39) 2,4,5-Trichlorophenol	13.30	196	55314	12.016 ng/ul	96
40) 1,1'-Biphenyl	13.63	154	181115	11.377 ng/ul	98
41) 2-Chloronaphthalene	13.67	162	142395	11.788 ng/ul	97
42) 2-Nitroaniline	13.87	65	48271	12.301 ng/ul	91
44) Dimethylphthalate	14.23	163	296462	19.619 ng/ul	98
45) 2,6-Dinitrotoluene	14.35	165	50664	17.706 ng/ul	96
47) Acenaphthylene	14.51	152	380249	21.641 ng/ul	99
48) 3-Nitroaniline	14.68	138	52378	19.536 ng/ul	91
49) Acenaphthene	14.85	153	252190	21.415 ng/ul	97
50) 2,4-Dinitrophenol	14.88	184	23502	14.827 ng/ul	92
52) 4-Nitrophenol	14.98	109	43009	16.971 ng/ul#	74
53) Dibenzofuran	15.18	168	352471	19.314 ng/ul	98
54) 2,4-Dinitrotoluene	15.14	165	76735	17.833 ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.41	232	68876	16.789 ng/ul#	94
56) Diethylphthalate	15.59	149	313770	19.279 ng/ul	100
58) Fluorene	15.83	166	297076	19.400 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.82	204	139143	18.144 ng/ul	99
60) 4-Nitroaniline	15.83	138	67903	20.918 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.90	198	37870	15.359 ng/ul#	92
64) N-Nitrosodiphenylamine	16.03	169	254698	21.194 ng/ul	98
65) 4-Bromophenyl-phenylether	16.71	248	85665	18.273 ng/ul	95
66) Hexachlorobenzene	16.83	284	87944	18.036 ng/ul	93
67) Atrazine	16.97	200	100601	20.757 ng/ul	99
68) Pentachlorophenol	17.17	266	50289	16.687 ng/ul	94
69) Phenanthrene	17.57	178	474311	22.298 ng/ul	99
71) Anthracene	17.66	178	486633	22.342 ng/ul	97
72) Carbazole	17.92	167	449555	23.247 ng/ul	98
73) Di-n-butylphthalate	18.47	149	542764	23.150 ng/ul	99
74) Fluoranthene	19.57	202	570367	22.140 ng/ul#	93
77) Pyrene	19.92	202	576087	25.144 ng/ul#	92
78) Butylbenzylphthalate	20.80	149	242115	23.285 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.68	252	162346	21.247 ng/ul	98
80) Benzo(a)anthracene	21.77	228	528154	22.573 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	339226	24.639 ng/ul	98
82) Chrysene	21.84	228	477457	22.623 ng/ul	99
84) Di-n-octyl phthalate	22.92	149	573262	27.473 ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	494269	24.934 ng/ul	98
86) Benzo(k)fluoranthene	24.12	252	471091	24.577 ng/ul	98
88) Benzo(a)pyrene	24.95	252	446523	23.698 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	28.89	276	440965	19.389 ng/ul	94
90) Dibenzo(a,h)anthracene	28.95	278	372132	19.485 ng/ul	98
91) Benzo(g,h,i)perylene	30.06	276	365857	19.730 ng/ul	98

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

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