Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032208.D
Acq On : 22 Jan 2018 12:16
Operator : SJ/JU
Sample : SSTD04077
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD04077

Quant Time: Jan 22 13:12:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 12:46:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	41973	20.00	ng/ul	0.00
18) Naphthalene-d8	11.61	136	177936	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.36	164	118725	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.10	188	286061	20.00	ng/ul	0.00
77) Chrysene-d12	22.44	240	351715	20.00	ng/ul	0.00
85) Perylene-d12	26.12	264	374398	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.78	96	11107	17.15	ng/uL	0.00
5) Phenol-d5	7.84	99	120854	38.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.02	67	56149	35.42	ng/ul	0.00
9) 2-Chlorophenol-d4	8.24	132	110749	41.44	ng/ul	0.00
13) 4-Methylphenol-d8	9.44	113	111253	39.31	ng/ul	0.00
19) Nitrobenzene-d5	9.93	128	53362	42.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	66187	41.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.21	165	139012	44.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.73	131	106930	34.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.74	166	403892	37.59	ng/ul	0.00
46) Acenaphthylene-d8	15.06	160	500704	43.08	ng/ul	0.00
51) 4-Nitrophenol-d4	15.52	143	55548	34.41	ng/ul	0.00
57) Fluorene-d10	16.35	176	374515	37.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.44	200	74866	36.75	ng/ul	0.00
70) Anthracene-d10	18.19	188	546655	39.91	ng/ul	0.00
78) Pyrene-d10	20.43	212	657968	42.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.87	264	711573	41.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.82	88	11637	16.759	ng/uL	95
4) Benzaldehyde	7.83	77	69186	44.099	ng/ul#	79
6) Phenol	7.86	94	113632	36.955	ng/ul#	88
8) Bis(2-Chloroethyl)ether	8.11	93	83101	38.181	ng/ul	97
10) 2-Chlorophenol	8.28	128	106432	43.229	ng/ul#	89
11) 2-Methylphenol	9.16	108	94132	39.264	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.26	45	84201	29.470	ng/ul#	89
14) Acetophenone	9.57	105	153559	37.346	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.55	70	70485	36.517	ng/ul#	90
16) 4-Methylphenol	9.50	108	102548	38.554	ng/ul	100
17) Hexachloroethane	9.85	117	40509	41.128	ng/ul#	65
20) Nitrobenzene	9.97	77	107515	40.256	ng/ul#	90
21) Isophorone	10.49	82	191672	37.555	ng/ul#	89
23) 2-Nitrophenol	10.70	139	70138	45.952	ng/ul#	89
24) 2,4-Dimethylphenol	10.73	107	128446	42.073	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.97	93	119273	40.230	ng/ul#	95
27) 2,4-Dichlorophenol	11.24	162	133419	44.911	ng/ul	97
28) Naphthalene	11.66	128	332069	41.347	ng/ul	99
30) 4-Chloroaniline	11.75	127	105162	35.142	ng/ul	99
31) Hexachlorobutadiene	11.93	225	117474	45.706	ng/ul	98
32) Caprolactam	12.49	113	34983	36.690	ng/ul#	73
33) 4-Chloro-3-methylphenol	12.83	107	117818	40.702	ng/ul	92
34) 2-Methylnaphthalene	13.22	142	277522	40.040	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.58	216	212261	46.407 ng/ul#	94
37) Hexachlorocyclopentadiene	13.55	237	96978	36.160 ng/ul#	98
38) 2,4,6-Trichlorophenol	13.80	196	128294	46.994 ng/ul	97
39) 2,4,5-Trichlorophenol	13.88	196	131204	45.237 ng/ul	96
40) 1,1'-Biphenyl	14.20	154	383881	44.486 ng/ul#	96
41) 2-Chloronaphthalene	14.26	162	309157	44.421 ng/ul	97
42) 2-Nitroaniline	14.45	65	64918	39.577 ng/ul	91
44) Dimethylphthalate	14.79	163	387009	39.316 ng/ul	100
45) 2,6-Dinitrotoluene	14.92	165	84114	42.568 ng/ul	90
47) Acenaphthylene	15.09	152	432220	39.235 ng/ul	99
48) 3-Nitroaniline	15.26	138	62105	37.818 ng/ul	85
49) Acenaphthene	15.43	153	314652	41.711 ng/ul	99
50) 2,4-Dinitrophenol	15.46	184	39249	31.118 ng/ul#	70
52) 4-Nitrophenol	15.54	109	50848	38.735 ng/ul#	82
53) Dibenzofuran	15.76	168	466805	40.700 ng/ul	97
54) 2,4-Dinitrotoluene	15.70	165	117102	39.681 ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.97	232	128865	41.722 ng/ul#	95
56) Diethylphthalate	16.14	149	368136	35.623 ng/ul	99
58) Fluorene	16.40	166	367956	36.978 ng/ul	100
59) 4-Chlorophenyl-phenylether	16.38	204	231882	39.012 ng/ul	96
60) 4-Nitroaniline	16.41	138	72107	36.969 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	16.46	198	78192	40.063 ng/ul#	87
64) N-Nitrosodiphenylamine	16.59	169	327040	45.291 ng/ul	99
65) 4-Bromophenyl-phenylether	17.27	248	167087	45.425 ng/ul	95
66) Hexachlorobenzene	17.40	284	171715	41.050 ng/ul	96
67) Atrazine	17.52	200	153723	44.621 ng/ul#	96
68) Pentachlorophenol	17.74	266	89418	40.944 ng/ul	94
69) Phenanthrene	18.14	178	599004	42.118 ng/ul	100
71) Anthracene	18.23	178	613938	41.458 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	14.17	216	224563	56.283 ng/uL	98
73) Pentachlorobenzene	15.67	250	232293	39.178 ng/uL	96
74) Carbazole	18.49	167	497691	41.041 ng/ul	99
75) Di-n-butylphthalate	19.00	149	575121	42.714 ng/ul	99
76) Fluoranthene	20.10	202	786002	43.242 ng/ul#	93
79) Pyrene	20.46	202	787976	43.164 ng/ul#	93
80) Butylbenzylphthalate	21.32	149	268326	49.462 ng/ul#	86
81) 3,3'-Dichlorobenzidine	22.30	252	252344	39.217 ng/ul#	99
82) Benzo(a)anthracene	22.41	228	862492	46.166 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	22.25	149	383335	48.302 ng/ul#	95
84) Chrysene	22.49	228	778023	45.525 ng/ul	99
86) Di-n-octyl phthalate	23.63	149	664186	45.008 ng/ul	100
87) Benzo(b)fluoranthene	24.94	252	891224	42.757 ng/ul#	98
88) Benzo(k)fluoranthene	25.02	252	878822	43.249 ng/ul#	97
90) Benzo(a)pyrene	25.95	252	876597	43.708 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	30.40	276	1005065	41.294 ng/ul#	96
92) Dibenzo(a,h)anthracene	30.48	278	827565	39.642 ng/ul#	95
93) Benzo(g,h,i)perylene	31.75	276	814319	40.357 ng/ul#	96

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

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