Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081117\
Data File : BG028293.D
Acq On : 11 Aug 2017 16:42
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02064

Quant Time: Aug 11 22:52:28 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	37219	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	165691	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	124777	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	317861	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	341402	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	325273	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	6947	8.69	ng/uL	0.00
5) Phenol-d5	7.50	99	73009	17.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	47517	18.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	51917	20.13	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	61808	18.09	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	26454	20.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	31383	22.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	59590	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	75896	23.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	224819	20.26	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	258746	20.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	32586	18.47	ng/ul	0.00
57) Fluorene-d10	15.95	176	199038	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	41011	19.86	ng/ul	0.00
70) Anthracene-d10	17.81	188	314470	20.63	ng/ul	0.00
76) Pyrene-d10	20.08	212	347094	19.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	312656	20.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.87	88	7962	9.485	ng/uL#	83
4) Benzaldehyde	7.49	77	46596	19.725	ng/ul	88
6) Phenol	7.53	94	74141	18.251	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.76	93	52781	19.073	ng/ul	97
10) 2-Chlorophenol	7.92	128	49323	19.628	ng/ul	92
11) 2-Methylphenol	8.79	108	51668	18.018	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.87	45	118236	17.601	ng/ul	96
14) Acetophenone	9.17	105	89733	18.417	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.15	70	52337	18.900	ng/ul	98
16) 4-Methylphenol	9.11	108	59930	18.509	ng/ul	93
17) Hexachloroethane	9.44	117	20417	19.607	ng/ul	94
20) Nitrobenzene	9.56	77	75299	20.076	ng/ul	94
21) Isophorone	10.08	82	145822	20.465	ng/ul#	97
23) 2-Nitrophenol	10.28	139	29912	20.858	ng/ul	89
24) 2,4-Dimethylphenol	10.32	107	71706	20.116	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.56	93	77094	19.863	ng/ul	99
27) 2,4-Dichlorophenol	10.81	162	55342	20.684	ng/ul	94
28) Naphthalene	11.23	128	169770	20.688	ng/ul	98
30) 4-Chloroaniline	11.32	127	72833	22.966	ng/ul	95
31) Hexachlorobutadiene	11.50	225	41850	21.191	ng/ul	89
32) Caprolactam	12.07	113	23710	21.311	ng/ul	91
33) 4-Chloro-3-methylphenol	12.42	107	73912	21.642	ng/ul	99
34) 2-Methylnaphthalene	12.81	142	134938	20.472	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	82710	20.565 ng/ul	92
37) Hexachlorocyclopentadiene	13.14	237	38728	17.451 ng/ul#	93
38) 2,4,6-Trichlorophenol	13.40	196	54793	21.858 ng/ul	90
39) 2,4,5-Trichlorophenol	13.48	196	57963	21.214 ng/ul	94
40) 1,1'-Biphenyl	13.79	154	187148	20.536 ng/ul	97
41) 2-Chloronaphthalene	13.84	162	143284	19.896 ng/ul	96
42) 2-Nitroaniline	14.05	65	61893	20.498 ng/ul	95
44) Dimethylphthalate	14.40	163	206737	20.232 ng/ul	97
45) 2,6-Dinitrotoluene	14.53	165	43679	20.703 ng/ul#	95
47) Acenaphthylene	14.69	152	246617	20.624 ng/ul	97
48) 3-Nitroaniline	14.86	138	40032	21.072 ng/ul#	97
49) Acenaphthene	15.03	153	161151	19.974 ng/ul	94
50) 2,4-Dinitrophenol	15.07	184	22382	18.828 ng/ul#	83
52) 4-Nitrophenol	15.16	109	33748	18.458 ng/ul	92
53) Dibenzofuran	15.36	168	237128	20.158 ng/ul	97
54) 2,4-Dinitrotoluene	15.31	165	68927	21.557 ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.58	232	55650	21.869 ng/ul	92
56) Diethylphthalate	15.75	149	232356	19.383 ng/ul	99
58) Fluorene	16.00	166	211046	20.265 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.98	204	115826	20.729 ng/ul	87
60) 4-Nitroaniline	16.03	138	44051	19.544 ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.08	198	42173	20.142 ng/ul#	95
64) N-Nitrosodiphenylamine	16.20	169	171815	20.546 ng/ul	98
65) 4-Bromophenyl-phenylether	16.88	248	73189	21.423 ng/ul	88
66) Hexachlorobenzene	17.01	284	79877	21.963 ng/ul	97
67) Atrazine	17.14	200	76049	20.859 ng/ul	95
68) Pentachlorophenol	17.36	266	36063	19.577 ng/ul	93
69) Phenanthrene	17.75	178	331422	20.718 ng/ul	98
71) Anthracene	17.84	178	343686	21.022 ng/ul	99
72) Carbazole	18.11	167	286769	20.169 ng/ul	98
73) Di-n-butylphthalate	18.63	149	361516	20.425 ng/ul#	97
74) Fluoranthene	19.74	202	390700	20.097 ng/ul	98
77) Pyrene	20.11	202	404947	19.881 ng/ul	99
78) Butylbenzylphthalate	20.98	149	162348	21.276 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.92	252	135189	20.524 ng/ul#	98
80) Benzo(a)anthracene	22.02	228	405043	20.533 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.88	149	227894	21.000 ng/ul	96
82) Chrysene	22.09	228	365821	20.592 ng/ul	98
84) Di-n-octyl phthalate	23.18	149	390742	20.045 ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	387519	19.909 ng/ul#	99
86) Benzo(k)fluoranthene	24.49	252	399867	21.031 ng/ul#	96
88) Benzo(a)pyrene	25.37	252	389207	20.652 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.55	276	453579	20.552 ng/ul	99
90) Dibenzo(a,h)anthracene	29.63	278	378746	20.475 ng/ul	94
91) Benzo(g,h,i)perylene	30.81	276	372545	20.519 ng/ul	97

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

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