Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG073117\
Data File : BG028067.D
Acq On : 31 Jul 2017 12:49
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02083

Quant Time: Jul 31 17:27:56 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 19:32:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	27242	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	126464	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	102057	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	307171	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	416556	20.00	ng/ul	0.00
86) Perylene-d12	25.57	264	410665	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3081	7.33	ng/uL	0.00
5) Phenol-d5	7.51	99	39593	19.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	19772	19.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	35435	20.43	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	36707	19.98	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	17543	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	22717	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	45338	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	53375	23.88	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	189038	20.47	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	198476	19.86	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	26846	19.35	ng/ul	0.00
58) Fluorene-d10	15.96	176	176151	20.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	39267	17.95	ng/ul	0.00
71) Anthracene-d10	17.82	188	301756	20.51	ng/ul	0.00
79) Pyrene-d10	20.09	212	379219	20.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	379374	20.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	3675	8.155	ng/uL#	67
4) Benzaldehyde	7.50	77	23054	22.641	ng/ul	96
6) Phenol	7.54	94	39709	19.897	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.77	93	27307	19.331	ng/ul	91
10) 2-Chlorophenol	7.93	128	33950	21.246	ng/ul#	89
11) 2-Methylphenol	8.80	108	30315	19.483	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.88	45	33204	17.905	ng/ul	95
14) Acetophenone	9.19	105	54388	20.380	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.16	70	23284	18.586	ng/ul#	90
16) 4-Methylphenol	9.12	108	33942	19.661	ng/ul	98
17) Hexachloroethane	9.45	117	12425	19.436	ng/ul	91
20) Nitrobenzene	9.57	77	37094	19.542	ng/ul	93
21) Isophorone	10.09	82	72909	20.100	ng/ul#	89
23) 2-Nitrophenol	10.29	139	22783	21.002	ng/ul	91
24) 2,4-Dimethylphenol	10.33	107	43812	20.192	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.56	93	40330	19.140	ng/ul	99
27) 2,4-Dichlorophenol	10.83	162	43381	20.546	ng/ul	95
28) Naphthalene	11.23	128	115563	20.246	ng/ul	100
30) 4-Chloroaniline	11.34	127	49737	23.385	ng/ul	91
31) Hexachlorobutadiene	11.51	225	36414	19.934	ng/ul	97
32) Caprolactam	12.09	113	6110	9.016	ng/ul#	76
33) 4-Chloro-3-methylphenol	12.43	107	42516	20.666	ng/ul	91
34) 2-Methylnaphthalene	12.81	142	99078	20.113	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.03	142	98073	20.532	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	77369	19.678	ng/ul	95
38) Hexachlorocyclopentadiene	13.16	237	38969	16.904	ng/ul#	99
39) 2,4,6-Trichlorophenol	13.41	196	45508	19.392	ng/ul	96
40) 2,4,5-Trichlorophenol	13.48	196	47661	19.116	ng/ul	98
41) 1,1'-Biphenyl	13.81	154	144924	19.537	ng/ul#	99
42) 2-Chloronaphthalene	13.85	162	117524	19.644	ng/ul	98
43) 2-Nitroaniline	14.05	65	27291	19.355	ng/ul	94
45) Dimethylphthalate	14.41	163	174695	20.645	ng/ul	99
46) 2,6-Dinitrotoluene	14.54	165	35411	20.847	ng/ul	89
48) Acenaphthylene	14.69	152	193222	20.405	ng/ul	99
49) 3-Nitroaniline	14.87	138	31227	22.121	ng/ul	92
50) Acenaphthene	15.04	153	129259	19.933	ng/ul	97
51) 2,4-Dinitrophenol	15.08	184	17593	16.226	ng/ul#	84
53) 4-Nitrophenol	15.16	109	22588	20.017	ng/ul	96
54) Dibenzofuran	15.36	168	200192	20.305	ng/ul	93
55) 2,4-Dinitrotoluene	15.32	165	55122	21.729	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.59	232	53517	20.157	ng/ul#	94
57) Diethylphthalate	15.76	149	182791	20.577	ng/ul	96
59) Fluorene	16.02	166	175741	20.545	ng/ul	97
60) 4-Chlorophenyl-phenylether	16.00	204	103241	20.206	ng/ul	96
61) 4-Nitroaniline	16.03	138	36309	21.656	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	16.09	198	39128	18.670	ng/ul#	90
65) N-Nitrosodiphenylamine	16.21	169	150122	19.361	ng/ul	100
66) 4-Bromophenyl-phenylether	16.90	248	77537	19.631	ng/ul	91
67) Hexachlorobenzene	17.03	284	88991	19.812	ng/ul#	92
68) Atrazine	17.15	200	74625	20.172	ng/ul	94
69) Pentachlorophenol	17.37	266	40096	17.098	ng/ul	95
70) Phenanthrene	17.76	178	307057	20.106	ng/ul	99
72) Anthracene	17.86	178	318977	20.060	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	77910	18.185	ng/uL	98
74) Pentachlorobenzene	15.29	250	121742	19.121	ng/uL	96
75) Carbazole	18.13	167	267319	20.529	ng/ul	98
76) Di-n-butylphthalate	18.65	149	306634	21.208	ng/ul	99
77) Fluoranthene	19.76	202	421338	21.587	ng/ul#	94
80) Pyrene	20.12	202	438835	20.297	ng/ul#	93
81) Butylbenzylphthalate	20.99	149	128191	19.952	ng/ul#	85
82) 3,3'-Dichlorobenzidine	21.94	252	158280	20.769	ng/ul#	96
83) Benzo(a)anthracene	22.03	228	457990	20.698	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.90	149	185577	19.744	ng/ul#	94
85) Chrysene	22.11	228	412838	20.397	ng/ul	98
87) Di-n-octyl phthalate	23.20	149	314195	19.411	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	463909	20.291	ng/ul#	97
89) Benzo(k)fluoranthene	24.52	252	452185	20.288	ng/ul#	98
91) Benzo(a)pyrene	25.41	252	449801	20.447	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.60	276	549263	20.574	ng/ul#	96
93) Dibenzo(a,h)anthracene	29.66	278	471567	20.594	ng/ul#	96
94) Benzo(g,h,i)perylene	30.87	276	454301	20.526	ng/ul#	94

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

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