Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029432.D
Acq On : 24 Oct 2017 20:01
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02072

Quant Time: Oct 24 23:56:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 23:55:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	70477	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	324860	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	215856	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	540924	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	577408	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	585319	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	13160	7.59	ng/uL	0.00
5) Phenol-d5	7.31	99	129719	19.18	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	75465	17.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	102472	21.47	ng/ul	-0.01
13) 4-Methylphenol-d8	8.87	113	110108	20.15	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	51379	22.03	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	59133	24.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	116398	21.38	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	147845	23.37	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	367887	19.94	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	451985	20.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	62237	18.27	ng/ul	0.00
57) Fluorene-d10	15.77	176	349746	23.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	58930	22.32	ng/ul	0.00
70) Anthracene-d10	17.62	188	529405	20.69	ng/ul	-0.01
76) Pyrene-d10	19.89	212	601506	20.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	573743	20.70	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	14153	6.694	ng/uL#	87
4) Benzaldehyde	7.29	77	76629	18.334	ng/ul	93
6) Phenol	7.34	94	131726	18.820	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.58	93	92961	17.447	ng/ul	91
10) 2-Chlorophenol	7.73	128	94713	19.417	ng/ul	93
11) 2-Methylphenol	8.61	108	97766	18.683	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.70	45	158926	20.352	ng/ul	98
14) Acetophenone	8.99	105	151266	18.131	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.97	70	81114	17.544	ng/ul	98
16) 4-Methylphenol	8.93	108	107439	18.845	ng/ul	98
17) Hexachloroethane	9.26	117	37986	19.503	ng/ul	95
20) Nitrobenzene	9.37	77	116263	18.285	ng/ul#	88
21) Isophorone	9.89	82	227203	16.912	ng/ul	98
23) 2-Nitrophenol	10.09	139	59543	22.455	ng/ul#	78
24) 2,4-Dimethylphenol	10.14	107	119829	18.583	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.37	93	135552	16.762	ng/ul#	94
27) 2,4-Dichlorophenol	10.63	162	109693	21.038	ng/ul	96
28) Naphthalene	11.03	128	316208	18.395	ng/ul	99
30) 4-Chloroaniline	11.14	127	139158	22.479	ng/ul	94
31) Hexachlorobutadiene	11.31	225	75137	23.069	ng/ul	94
32) Caprolactam	11.88	113	40394	18.101	ng/ul	91
33) 4-Chloro-3-methylphenol	12.24	107	121003	19.779	ng/ul	92
34) 2-Methylnaphthalene	12.62	142	252883	17.772	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	146113	22.842 ng/ul#	90
37) Hexachlorocyclopentadiene	12.97	237	65483	19.420 ng/ul#	96
38) 2,4,6-Trichlorophenol	13.22	196	100833	22.753 ng/ul	95
39) 2,4,5-Trichlorophenol	13.30	196	109396	23.380 ng/ul	97
40) 1,1'-Biphenyl	13.62	154	341063	19.165 ng/ul	97
41) 2-Chloronaphthalene	13.67	162	268084	19.901 ng/ul	95
42) 2-Nitroaniline	13.86	65	82436	19.536 ng/ul#	83
44) Dimethylphthalate	14.23	163	351798	19.544 ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	75068	23.843 ng/ul	90
47) Acenaphthylene	14.51	152	429866	18.776 ng/ul	97
48) 3-Nitroaniline	14.68	138	75044	21.999 ng/ul#	83
49) Acenaphthene	14.85	153	291671	18.622 ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	21549	12.788 ng/ul	87
52) 4-Nitrophenol	14.98	109	45141	17.559 ng/ul#	81
53) Dibenzofuran	15.18	168	428012	19.988 ng/ul	94
54) 2,4-Dinitrotoluene	15.13	165	107914	23.443 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.40	232	103295	25.105 ng/ul#	93
56) Diethylphthalate	15.59	149	360936	19.460 ng/ul	97
58) Fluorene	15.83	166	342758	20.065 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.81	204	186198	23.167 ng/ul	91
60) 4-Nitroaniline	15.84	138	74846	17.848 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.90	198	59795	21.433 ng/ul#	85
64) N-Nitrosodiphenylamine	16.03	169	307697	19.071 ng/ul	99
65) 4-Bromophenyl-phenylether	16.71	248	124180	22.756 ng/ul	92
66) Hexachlorobenzene	16.83	284	134952	24.170 ng/ul	93
67) Atrazine	16.97	200	124390	20.302 ng/ul	96
68) Pentachlorophenol	17.17	266	75395	22.665 ng/ul	93
69) Phenanthrene	17.57	178	566793	19.383 ng/ul	98
71) Anthracene	17.65	178	588226	19.497 ng/ul	100
72) Carbazole	17.92	167	522483	19.266 ng/ul	99
73) Di-n-butylphthalate	18.46	149	630512	19.350 ng/ul	98
74) Fluoranthene	19.56	202	703406	21.524 ng/ul	100
77) Pyrene	19.92	202	709976	18.346 ng/ul	99
78) Butylbenzylphthalate	20.79	149	294067	18.741 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.68	252	257254	24.347 ng/ul#	98
80) Benzo(a)anthracene	21.77	228	714128	19.735 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	419123	18.432 ng/ul#	97
82) Chrysene	21.84	228	652064	19.832 ng/ul	98
84) Di-n-octyl phthalate	22.91	149	718428	18.345 ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	706745	20.113 ng/ul	96
86) Benzo(k)fluoranthene	24.12	252	693827	20.422 ng/ul	98
88) Benzo(a)pyrene	24.94	252	684663	20.017 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.89	276	826154	21.349 ng/ul	98
90) Dibenzo(a,h)anthracene	28.95	278	693046	21.559 ng/ul	98
91) Benzo(g,h,i)perylene	30.07	276	680349	21.210 ng/ul	96

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

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