Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090817\
Data File : BG028607.D
Acq On : 8 Sep 2017 17:32
Operator : SJ/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SICV59

Quant Time: Sep 08 18:05:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG090817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 08 17:44:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	35610	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	147802	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.94	164	103993	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.79	188	258716	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	309834	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	294671	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	5677	7.24	ng/uL	0.00
5) Phenol-d5	7.49	99	64233	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	41033	19.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	48064	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	54152	19.44	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	23840	19.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	28756	19.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	55315	20.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	43281	17.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.33	166	182267	19.12	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	209210	19.30	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	24808	16.83	ng/ul	0.00
57) Fluorene-d10	15.94	176	165031	19.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	34092	18.72	ng/ul	0.00
70) Anthracene-d10	17.79	188	258716	19.91	ng/ul	0.00
76) Pyrene-d10	20.07	212	305531	20.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	284148	19.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	6874	7.517	ng/uL#	78
4) Benzaldehyde	7.48	77	38737	17.924	ng/ul	89
6) Phenol	7.52	94	66139	19.504	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.74	93	46791	19.397	ng/ul	98
10) 2-Chlorophenol	7.90	128	45184	19.532	ng/ul	98
11) 2-Methylphenol	8.77	108	46594	19.102	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.86	45	93086	20.569	ng/ul	98
14) Acetophenone	9.16	105	80360	20.079	ng/ul#	86
15) N-Nitroso-di-n-propylamine	9.13	70	44304	20.211	ng/ul#	90
16) 4-Methylphenol	9.09	108	50789	18.880	ng/ul	99
17) Hexachloroethane	9.42	117	20844	20.851	ng/ul	93
20) Nitrobenzene	9.55	77	66743	19.512	ng/ul	94
21) Isophorone	10.06	82	124696	19.803	ng/ul	98
23) 2-Nitrophenol	10.26	139	27916	19.843	ng/ul	96
24) 2,4-Dimethylphenol	10.30	107	64267	19.627	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.53	93	65116	19.225	ng/ul#	88
27) 2,4-Dichlorophenol	10.80	162	49330	19.460	ng/ul	93
28) Naphthalene	11.21	128	148997	19.264	ng/ul	98
30) 4-Chloroaniline	11.31	127	42464	18.377	ng/ul	90
31) Hexachlorobutadiene	11.48	225	41456	19.776	ng/ul	91
32) Caprolactam	12.07	113	17900	18.929	ng/ul#	80
33) 4-Chloro-3-methylphenol	12.42	107	61835	20.109	ng/ul	98
34) 2-Methylnaphthalene	12.79	142	118290	19.884	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	74609	19.164 ng/ul#	91
37) Hexachlorocyclopentadiene	13.12	237	24330	15.728 ng/ul	94
38) 2,4,6-Trichlorophenol	13.47	196	51097	20.677 ng/ul	93
39) 2,4,5-Trichlorophenol	13.47	196	51097	19.518 ng/ul	98
40) 1,1'-Biphenyl	13.78	154	156045	19.296 ng/ul	98
41) 2-Chloronaphthalene	13.83	162	122296	19.320 ng/ul	93
42) 2-Nitroaniline	14.03	65	49394	20.348 ng/ul	96
44) Dimethylphthalate	14.38	163	167869	19.126 ng/ul	100
45) 2,6-Dinitrotoluene	14.52	165	37003	19.511 ng/ul#	93
47) Acenaphthylene	14.67	152	194400	19.009 ng/ul	99
48) 3-Nitroaniline	14.85	138	25231	18.029 ng/ul#	99
49) Acenaphthene	15.01	153	133198	19.038 ng/ul	96
50) 2,4-Dinitrophenol	15.07	184	14293	15.482 ng/ul#	83
52) 4-Nitrophenol	15.16	109	24266	17.861 ng/ul#	82
53) Dibenzofuran	15.34	168	194035	19.105 ng/ul	95
54) 2,4-Dinitrotoluene	15.31	165	54403	19.286 ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.57	232	48312	19.765 ng/ul	96
56) Diethylphthalate	15.73	149	177204	19.080 ng/ul	98
58) Fluorene	15.99	166	169971	19.284 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.97	204	93341	18.960 ng/ul#	84
60) 4-Nitroaniline	16.01	138	31385	16.733 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.19	198	58	0.032 ng/ul#	1
64) N-Nitrosodiphenylamine	16.19	169	142364	19.943 ng/ul	94
65) 4-Bromophenyl-phenylether	16.87	248	65482	20.627 ng/ul	96
66) Hexachlorobenzene	17.00	284	69863	20.682 ng/ul	98
67) Atrazine	17.13	200	62485	19.463 ng/ul	98
68) Pentachlorophenol	17.35	266	26498	17.259 ng/ul	98
69) Phenanthrene	17.83	178	280454	20.574 ng/ul	97
71) Anthracene	17.83	178	280454	19.902 ng/ul	98
72) Carbazole	18.10	167	243045	20.130 ng/ul	99
73) Di-n-butylphthalate	18.71	149	330	0.022 ng/ul#	76
74) Fluoranthene	19.74	202	346258	20.051 ng/ul	99
77) Pyrene	20.10	202	360898	20.181 ng/ul#	97
78) Butylbenzylphthalate	20.96	149	137011	19.855 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.91	252	95435	18.017 ng/ul#	94
80) Benzo(a)anthracene	22.01	228	361113	19.668 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.86	149	189333	19.335 ng/ul	100
82) Chrysene	22.08	228	330540	19.986 ng/ul	98
84) Di-n-octyl phthalate	23.16	149	329292	19.567 ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	357691	19.746 ng/ul	99
86) Benzo(k)fluoranthene	24.49	252	343726	19.548 ng/ul	98
88) Benzo(a)pyrene	25.37	252	346927	19.704 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.56	276	413154	19.690 ng/ul	100
90) Dibenzo(a,h)anthracene	29.63	278	345952	19.753 ng/ul	96
91) Benzo(g,h,i)perylene	30.84	276	334986	19.563 ng/ul	97

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

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