Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028513.D
Acq On : 26 Aug 2017 5:36
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02088

Manual Integrations APPROVED
Sohil
8/28/2017 3:17:06 PM

Quant Time: Aug 26 06:40:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 26 01:54:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	42668	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	176094	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	123247	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	308221m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	368810	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	355284	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	7080	7.73	ng/uL	0.00
5) Phenol-d5	7.49	99	77010	16.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	46302	15.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	54593	18.47	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	61485	15.70	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	27510	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	33110	21.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	63460	20.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	74172	21.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	209807	19.14	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	246229	19.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	31988	18.35	ng/ul	0.00
57) Fluorene-d10	15.94	176	190679	19.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	35574	17.77	ng/ul	0.00
70) Anthracene-d10	17.80	188	293630	19.87	ng/ul	0.00
76) Pyrene-d10	20.08	212	344448	18.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	327115	19.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.85	88	7776	8.080	ng/uL#	83
4) Benzaldehyde	7.48	77	48510	17.913	ng/ul#	87
6) Phenol	7.52	94	76188	16.359	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.74	93	52737	16.623	ng/ul#	94
10) 2-Chlorophenol	7.91	128	51279	17.800	ng/ul	97
11) 2-Methylphenol	8.77	108	53695	16.334	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.86	45	107804	13.999	ng/ul#	95
14) Acetophenone	9.16	105	88877	15.911	ng/ul#	94
15) N-Nitroso-di-n-propylamine	9.13	70	49438	15.573	ng/ul	90
16) 4-Methylphenol	9.11	108	59574	16.050	ng/ul	87
17) Hexachloroethane	9.43	117	22618	18.947	ng/ul	89
20) Nitrobenzene	9.55	77	76198	19.116	ng/ul	95
21) Isophorone	10.06	82	132307	17.471	ng/ul	97
23) 2-Nitrophenol	10.26	139	32571	21.370	ng/ul#	83
24) 2,4-Dimethylphenol	10.31	107	72761	19.206	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.54	93	74322	18.017	ng/ul	92
27) 2,4-Dichlorophenol	10.80	162	58818	20.685	ng/ul	97
28) Naphthalene	11.21	128	172346	19.761	ng/ul	97
30) 4-Chloroaniline	11.32	127	69956	20.755	ng/ul	93
31) Hexachlorobutadiene	11.48	225	46465	22.137	ng/ul	93
32) Caprolactam	12.07	113	21424	18.118	ng/ul	89
33) 4-Chloro-3-methylphenol	12.42	107	71727	19.762	ng/ul	99
34) 2-Methylnaphthalene	12.79	142	135843	19.392	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	86666	21.816	ng/ul	97
37) Hexachlorocyclopentadiene	13.12	237	22106	10.085	ng/ul	90
38) 2,4,6-Trichlorophenol	13.40	196	57021	23.029	ng/ul	97
39) 2,4,5-Trichlorophenol	13.47	196	62553	23.178	ng/ul	97
40) 1,1'-Biphenyl	13.78	154	180292	20.029	ng/ul	92
41) 2-Chloronaphthalene	13.83	162	145023	20.387	ng/ul	99
42) 2-Nitroaniline	14.03	65	56784	19.039	ng/ul	91
44) Dimethylphthalate	14.38	163	186462	18.474	ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	42506	20.397	ng/ul#	86
47) Acenaphthylene	14.67	152	233497	19.769	ng/ul	99
48) 3-Nitroaniline	14.85	138	37539	20.005	ng/ul#	93
49) Acenaphthene	15.01	153	156564	19.646	ng/ul	96
50) 2,4-Dinitrophenol	15.07	184	15827	13.479	ng/ul#	85
52) 4-Nitrophenol	15.16	109	29609	16.396	ng/ul#	76
53) Dibenzofuran	15.35	168	228291	19.648	ng/ul	96
54) 2,4-Dinitrotoluene	15.31	165	63922	20.240	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.57	232	57390	22.833	ng/ul#	94
56) Diethylphthalate	15.74	149	211673	17.877	ng/ul	98
58) Fluorene	15.99	166	199160	19.361	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.97	204	108675	19.691	ng/ul#	83
60) 4-Nitroaniline	16.02	138	40501	18.192	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.07	198	35055m	17.266	ng/ul	
64) N-Nitrosodiphenylamine	16.19	169	164463	20.282	ng/ul	96
65) 4-Bromophenyl-phenylether	16.87	248	72737	21.957	ng/ul	92
66) Hexachlorobenzene	17.01	284	78591	22.285	ng/ul	93
67) Atrazine	17.13	200	72906	20.622	ng/ul	98
68) Pentachlorophenol	17.35	266	30478	17.062	ng/ul	87
69) Phenanthrene	17.74	178	303945m	19.595	ng/ul	
71) Anthracene	17.84	178	316911	19.990	ng/ul	98
72) Carbazole	18.10	167	276103	20.026	ng/ul	98
73) Di-n-butylphthalate	18.62	149	339473m	19.779	ng/ul	
74) Fluoranthene	19.74	202	381435	20.234	ng/ul	99
77) Pyrene	20.10	202	403186	18.324	ng/ul	97
78) Butylbenzylphthalate	20.96	149	159648	19.367	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.91	252	148666	20.893	ng/ul	99
80) Benzo(a)anthracene	22.01	228	411186	19.296	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.86	149	221842	18.923	ng/ul	100
82) Chrysene	22.08	228	371439	19.354	ng/ul	99
84) Di-n-octyl phthalate	23.17	149	380848	17.887	ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	401979	18.907	ng/ul	99
86) Benzo(k)fluoranthene	24.49	252	406410	19.570	ng/ul	99
88) Benzo(a)pyrene	25.37	252	404008	19.626	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.56	276	435620	18.071	ng/ul	99
90) Dibenzo(a,h)anthracene	29.62	278	359022	17.769	ng/ul	95
91) Benzo(g,h,i)perylene	30.83	276	329177	16.599	ng/ul	96

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

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