Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072517\
Data File : BG028019.D
Acq On : 25 Jul 2017 9:20
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02069

Quant Time: Jul 26 01:13:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 21 02:24:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	56506	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	235500	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	169390	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	416710	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	483852	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	481884	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	7554	7.37	ng/uL	0.00
5) Phenol-d5	7.51	99	84041	18.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	44140	16.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	73282	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	72447	18.85	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	34029	19.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	42840	20.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	84683	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	94924	25.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	300502	20.46	ng/ul	0.00
46) Acenaphthylene-d8	14.68	160	343692	20.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	35049	16.48	ng/ul	0.00
57) Fluorene-d10	15.96	176	286954	20.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	55104	19.04	ng/ul	0.00
70) Anthracene-d10	17.82	188	413807	20.59	ng/ul	0.00
76) Pyrene-d10	20.09	212	438304	20.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	449805	19.98	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	8280	6.659	ng/uL#	84
4) Benzaldehyde	7.51	77	52594	18.263	ng/ul	83
6) Phenol	7.54	94	82905	18.398	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.78	93	58234	17.930	ng/ul	85
10) 2-Chlorophenol	7.94	128	65509	19.316	ng/ul#	81
11) 2-Methylphenol	8.80	108	61969	18.728	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.89	45	88406	14.434	ng/ul	99
14) Acetophenone	9.19	105	105114	19.398	ng/ul#	76
15) N-Nitroso-di-n-propylamine	9.16	70	48754	17.548	ng/ul#	89
16) 4-Methylphenol	9.12	108	68256	18.823	ng/ul	98
17) Hexachloroethane	9.46	117	27145	19.874	ng/ul#	80
20) Nitrobenzene	9.58	77	74004	18.473	ng/ul#	84
21) Isophorone	10.10	82	139842	19.165	ng/ul#	92
23) 2-Nitrophenol	10.30	139	41631	20.748	ng/ul#	71
24) 2,4-Dimethylphenol	10.33	107	82939	19.754	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.57	93	83570	19.092	ng/ul	97
27) 2,4-Dichlorophenol	10.83	162	83411	21.121	ng/ul#	91
28) Naphthalene	11.24	128	222106	19.902	ng/ul	97
30) 4-Chloroaniline	11.34	127	88336	25.886	ng/ul	96
31) Hexachlorobutadiene	11.51	225	71563	22.656	ng/ul	91
32) Caprolactam	12.10	113	23947	20.379	ng/ul#	65
33) 4-Chloro-3-methylphenol	12.44	107	77727	20.644	ng/ul#	79
34) 2-Methylnaphthalene	12.82	142	185313	20.536	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	134694	21.142	ng/ul#	92
37) Hexachlorocyclopentadiene	13.16	237	59822	15.869	ng/ul	96
38) 2,4,6-Trichlorophenol	13.41	196	81757	21.272	ng/ul	97
39) 2,4,5-Trichlorophenol	13.49	196	87683	21.231	ng/ul	98
40) 1,1'-Biphenyl	13.81	154	255891	19.768	ng/ul#	98
41) 2-Chloronaphthalene	13.86	162	205447	20.077	ng/ul	96
42) 2-Nitroaniline	14.06	65	50350	17.217	ng/ul#	77
44) Dimethylphthalate	14.41	163	275826	20.627	ng/ul	97
45) 2,6-Dinitrotoluene	14.54	165	56897	21.035	ng/ul#	77
47) Acenaphthylene	14.70	152	324585	19.795	ng/ul	99
48) 3-Nitroaniline	14.88	138	47660	20.271	ng/ul#	82
49) Acenaphthene	15.04	153	219538	19.788	ng/ul	96
50) 2,4-Dinitrophenol	15.08	184	26159	16.790	ng/ul#	66
52) 4-Nitrophenol	15.17	109	28043	16.367	ng/ul#	80
53) Dibenzofuran	15.37	168	328420	20.021	ng/ul	89
54) 2,4-Dinitrotoluene	15.33	165	80155	20.329	ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.59	232	84866	21.565	ng/ul#	89
56) Diethylphthalate	15.77	149	278173	19.949	ng/ul	95
58) Fluorene	16.02	166	280760	19.908	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.00	204	166773	21.327	ng/ul#	76
60) 4-Nitroaniline	16.04	138	47107	16.884	ng/ul#	62
63) 4,6-Dinitro-2-methylphenol	16.09	198	51668	18.671	ng/ul#	82
64) N-Nitrosodiphenylamine	16.21	169	234030	20.836	ng/ul	94
65) 4-Bromophenyl-phenylether	16.90	248	113602	22.370	ng/ul#	86
66) Hexachlorobenzene	17.03	284	125260	23.461	ng/ul#	91
67) Atrazine	17.15	200	98588	19.949	ng/ul	93
68) Pentachlorophenol	17.37	266	55347	19.082	ng/ul	94
69) Phenanthrene	17.77	178	426877	19.987	ng/ul	98
71) Anthracene	17.85	178	442298	20.204	ng/ul	98
72) Carbazole	18.12	167	334687	18.542	ng/ul	98
73) Di-n-butylphthalate	18.65	149	383832	19.394	ng/ul#	96
74) Fluoranthene	19.76	202	488474	18.684	ng/ul#	94
77) Pyrene	20.12	202	505397	19.715	ng/ul#	93
78) Butylbenzylphthalate	20.99	149	159132	19.363	ng/ul#	78
79) 3,3'-Dichlorobenzidine	21.94	252	181583	23.083	ng/ul	98
80) Benzo(a)anthracene	22.04	228	544977	20.821	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.90	149	233820	19.966	ng/ul	95
82) Chrysene	22.11	228	484682	20.345	ng/ul	98
84) Di-n-octyl phthalate	23.21	149	395092	17.678	ng/ul	100
85) Benzo(b)fluoranthene	24.45	252	542268	19.720	ng/ul	98
86) Benzo(k)fluoranthene	24.52	252	544158	20.174	ng/ul	99
88) Benzo(a)pyrene	25.41	252	531330	19.997	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.62	276	623735	20.700	ng/ul	99
90) Dibenzo(a,h)anthracene	29.67	278	525324	20.769	ng/ul	96
91) Benzo(g,h,i)perylene	30.88	276	516999	20.797	ng/ul	96

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

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