Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072017\
Data File : BG028001.D
Acq On : 20 Jul 2017 16:45
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02066

Quant Time: Jul 20 19:08:01 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 20 18:49:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	42091	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	176124	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	122193	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	327247	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	458127	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	420423	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	6592	8.63	ng/uL	-0.01
5) Phenol-d5	7.51	99	64916	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	37361	18.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	55078	20.27	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	55573	19.41	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	25497	19.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	32439	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	62284	20.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	67338	24.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	211899	20.00	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	240701	19.99	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	32181	20.98	ng/ul	0.00
57) Fluorene-d10	15.96	176	205340	20.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	41680	18.34	ng/ul	0.00
70) Anthracene-d10	17.82	188	318963	20.21	ng/ul	0.00
76) Pyrene-d10	20.09	212	409843	19.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	410863	20.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	6889	7.438	ng/uL#	82
4) Benzaldehyde	7.51	77	43126	20.104	ng/ul	87
6) Phenol	7.54	94	62316	18.565	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.78	93	46466	19.207	ng/ul	95
10) 2-Chlorophenol	7.94	128	49751	19.693	ng/ul#	83
11) 2-Methylphenol	8.79	108	46515	18.872	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.89	45	83379	18.276	ng/ul	97
14) Acetophenone	9.19	105	78783	19.518	ng/ul	85
15) N-Nitroso-di-n-propylamine	9.16	70	40983	19.802	ng/ul#	96
16) 4-Methylphenol	9.12	108	51432	19.041	ng/ul	98
17) Hexachloroethane	9.46	117	20802	20.446	ng/ul#	78
20) Nitrobenzene	9.58	77	59031	19.703	ng/ul#	88
21) Isophorone	10.10	82	109602	20.085	ng/ul#	92
23) 2-Nitrophenol	10.30	139	30717	20.470	ng/ul#	75
24) 2,4-Dimethylphenol	10.34	107	61718	19.656	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.57	93	62227	19.008	ng/ul#	89
27) 2,4-Dichlorophenol	10.83	162	58404	19.775	ng/ul#	93
28) Naphthalene	11.24	128	165592	19.840	ng/ul	98
30) 4-Chloroaniline	11.35	127	62662	24.553	ng/ul	92
31) Hexachlorobutadiene	11.52	225	50722	21.472	ng/ul	89
32) Caprolactam	12.10	113	17750	20.198	ng/ul	89
33) 4-Chloro-3-methylphenol	12.44	107	56988	20.239	ng/ul#	86
34) 2-Methylnaphthalene	12.82	142	136807	20.271	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	95231	20.721 ng/ul#	90
37) Hexachlorocyclopentadiene	13.16	237	44402	16.328 ng/ul	96
38) 2,4,6-Trichlorophenol	13.41	196	55912	20.167 ng/ul	96
39) 2,4,5-Trichlorophenol	13.49	196	61773	20.734 ng/ul	96
40) 1,1'-Biphenyl	13.80	154	185677	19.884 ng/ul	98
41) 2-Chloronaphthalene	13.86	162	147264	19.949 ng/ul	94
42) 2-Nitroaniline	14.06	65	42131	19.971 ng/ul#	84
44) Dimethylphthalate	14.41	163	191557	19.858 ng/ul	99
45) 2,6-Dinitrotoluene	14.54	165	39495	20.241 ng/ul#	81
47) Acenaphthylene	14.70	152	237787	20.102 ng/ul	99
48) 3-Nitroaniline	14.87	138	36614	21.588 ng/ul#	87
49) Acenaphthene	15.04	153	158096	19.754 ng/ul	95
50) 2,4-Dinitrophenol	15.08	184	20587	18.317 ng/ul#	79
52) 4-Nitrophenol	15.17	109	28298	22.895 ng/ul#	81
53) Dibenzofuran	15.37	168	239907	20.274 ng/ul	89
54) 2,4-Dinitrotoluene	15.32	165	60476	21.262 ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.60	232	61715	21.739 ng/ul#	90
56) Diethylphthalate	15.77	149	197494	19.634 ng/ul	96
58) Fluorene	16.02	166	206899	20.337 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.00	204	113706	20.157 ng/ul#	80
60) 4-Nitroaniline	16.04	138	44784	22.251 ng/ul#	69
63) 4,6-Dinitro-2-methylphenol	16.08	198	41711	19.193 ng/ul#	88
64) N-Nitrosodiphenylamine	16.21	169	172851	19.597 ng/ul	97
65) 4-Bromophenyl-phenylether	16.90	248	80823	20.266 ng/ul	91
66) Hexachlorobenzene	17.02	284	85353	20.357 ng/ul	95
67) Atrazine	17.15	200	78872	20.323 ng/ul	98
68) Pentachlorophenol	17.37	266	42582	18.694 ng/ul	96
69) Phenanthrene	17.76	178	337654	20.132 ng/ul	99
71) Anthracene	17.86	178	353804	20.580 ng/ul	97
72) Carbazole	18.12	167	306252	21.605 ng/ul	97
73) Di-n-butylphthalate	18.65	149	335750	21.603 ng/ul#	97
74) Fluoranthene	19.76	202	467192	22.756 ng/ul#	95
77) Pyrene	20.12	202	485491	20.002 ng/ul	96
78) Butylbenzylphthalate	20.99	149	158177	20.328 ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.94	252	155775	20.914 ng/ul	95
80) Benzo(a)anthracene	22.04	228	515959	20.820 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.90	149	228342	20.593 ng/ul	95
82) Chrysene	22.11	228	462064	20.485 ng/ul	98
84) Di-n-octyl phthalate	23.21	149	383419	19.664 ng/ul	100
85) Benzo(b)fluoranthene	24.45	252	494072	20.594 ng/ul	100
86) Benzo(k)fluoranthene	24.52	252	488800	20.771 ng/ul	96
88) Benzo(a)pyrene	25.40	252	484903	20.918 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.60	276	554572	21.095 ng/ul	97
90) Dibenzo(a,h)anthracene	29.67	278	464117	21.032 ng/ul	97
91) Benzo(g,h,i)perylene	30.87	276	458722	21.150 ng/ul	97

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

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