Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG073117\
Data File : BG028070.D
Acq On : 31 Jul 2017 14:47
Operator : SJ/JU
Sample : MDL-S-ML-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-S-ML-01

Quant Time: Jul 31 17:44:48 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 31 17:31:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	25803	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	121662	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	97270	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	302628	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	410076	20.00	ng/ul	0.00
86) Perylene-d12	25.57	264	406215	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	2550	6.40	ng/uL	0.00
5) Phenol-d5	7.51	99	44060	22.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	23799	24.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	42309	25.75	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	40452	23.25	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	21005	24.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	26489	24.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	49201	23.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	57330	26.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	231832	26.34	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	233797	24.55	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	29036	21.96	ng/ul	0.00
58) Fluorene-d10	15.96	176	204921	25.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	46823	21.73	ng/ul	0.00
71) Anthracene-d10	17.82	188	372346	25.69	ng/ul	0.00
79) Pyrene-d10	20.09	212	471554	25.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	460588	24.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	631	1.478	ng/uL#	43
4) Benzaldehyde	7.51	77	3583	3.715	ng/ul	89
6) Phenol	7.54	94	6332	3.350	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.77	93	5049	3.774	ng/ul	97
10) 2-Chlorophenol	7.93	128	5587	3.691	ng/ul	94
11) 2-Methylphenol	8.79	108	4800	3.257	ng/ul#	80
12) 2,2'-oxybis(1-Chloropropan	8.89	45	5470	3.114	ng/ul#	89
14) Acetophenone	9.19	105	8645	3.420	ng/ul#	89
15) N-Nitroso-di-n-propylamine	9.15	70	4154	3.501	ng/ul#	95
16) 4-Methylphenol	9.12	108	6214	3.800	ng/ul	93
17) Hexachloroethane	9.46	117	1583	2.614	ng/ul#	55
20) Nitrobenzene	9.58	77	6304	3.452	ng/ul#	67
21) Isophorone	10.09	82	12242	3.508	ng/ul#	80
23) 2-Nitrophenol	10.30	139	3656	3.503	ng/ul#	85
24) 2,4-Dimethylphenol	10.33	107	7413	3.551	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.57	93	7312	3.607	ng/ul#	86
27) 2,4-Dichlorophenol	10.82	162	7497	3.691	ng/ul	89
28) Naphthalene	11.23	128	20392	3.714	ng/ul#	96
30) 4-Chloroaniline	11.34	127	4910	2.400	ng/ul	97
31) Hexachlorobutadiene	11.51	225	6078	3.459	ng/ul	98
32) Caprolactam	12.12	113	1799	2.760	ng/ul#	61
33) 4-Chloro-3-methylphenol	12.44	107	6161	3.113	ng/ul#	84
34) 2-Methylnaphthalene	12.82	142	16984	3.584	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	16635	3.620	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	13583	3.625	ng/ul#	92
38) Hexachlorocyclopentadiene	13.15	237	4909	2.234	ng/ul	93
39) 2,4,6-Trichlorophenol	13.41	196	6957	3.110	ng/ul	86
40) 2,4,5-Trichlorophenol	13.49	196	7003	2.947	ng/ul	91
41) 1,1'-Biphenyl	13.81	154	24864	3.517	ng/ul#	91
42) 2-Chloronaphthalene	13.86	162	20574	3.608	ng/ul#	92
43) 2-Nitroaniline	14.06	65	4393	3.269	ng/ul	88
45) Dimethylphthalate	14.41	163	32400	4.017	ng/ul	98
46) 2,6-Dinitrotoluene	14.54	165	5575	3.444	ng/ul#	78
48) Acenaphthylene	14.70	152	34430	3.815	ng/ul	95
49) 3-Nitroaniline	14.88	138	3958	2.942	ng/ul	85
50) Acenaphthene	15.03	153	23460	3.796	ng/ul	86
51) 2,4-Dinitrophenol	15.08	184	1937	1.874	ng/ul#	84
53) 4-Nitrophenol	15.16	109	3983	3.703	ng/ul	88
54) Dibenzofuran	15.37	168	34891	3.713	ng/ul	90
55) 2,4-Dinitrotoluene	15.32	165	9558	3.953	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.60	232	7586	2.998	ng/ul#	87
57) Diethylphthalate	15.76	149	30465	3.598	ng/ul	97
59) Fluorene	16.02	166	31051	3.809	ng/ul	90
60) 4-Chlorophenyl-phenylether	16.00	204	18839	3.869	ng/ul	97
61) 4-Nitroaniline	16.03	138	3469	2.171	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	16.09	198	7182	3.478	ng/ul#	90
65) N-Nitrosodiphenylamine	16.21	169	27536	3.605	ng/ul	93
66) 4-Bromophenyl-phenylether	16.90	248	13178	3.387	ng/ul	97
67) Hexachlorobenzene	17.03	284	16360	3.697	ng/ul#	88
68) Atrazine	17.15	200	11647	3.196	ng/ul	95
69) Pentachlorophenol	17.37	266	5361	2.320	ng/ul#	77
70) Phenanthrene	17.77	178	54854	3.646	ng/ul	98
72) Anthracene	17.77	178	54854	3.501	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	13639	3.231	ng/uL	93
74) Pentachlorobenzene	15.29	250	21143	3.371	ng/uL	94
75) Carbazole	18.12	167	45873	3.576	ng/ul	99
76) Di-n-butylphthalate	18.65	149	50225	3.526	ng/ul	99
77) Fluoranthene	19.76	202	73697	3.833	ng/ul#	95
80) Pyrene	20.12	202	83155	3.907	ng/ul#	94
81) Butylbenzylphthalate	20.99	149	20411	3.227	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.94	252	22518	3.001	ng/ul#	97
83) Benzo(a)anthracene	22.04	228	79071	3.630	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.90	149	29429	3.180	ng/ul#	89
85) Chrysene	22.11	228	74917	3.760	ng/ul	99
87) Di-n-octyl phthalate	23.20	149	48580	3.034	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	77668	3.434	ng/ul#	97
89) Benzo(k)fluoranthene	24.52	252	81978	3.718	ng/ul#	97
91) Benzo(a)pyrene	25.40	252	79531	3.655	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	29.58	276	31227	1.183	ng/ul	97
93) Dibenzo(a,h)anthracene	29.64	278	34537	1.525	ng/ul#	95
94) Benzo(g,h,i)perylene	30.86	276	46945	2.144	ng/ul#	93

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

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