Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028062.D
Acq On : 28 Jul 2017 18:46
Operator : SJ/JU
Sample : MDL-S-ML-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 28 23:45:56 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 19:32:36 2017
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : MDL-S-ML-05

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	31497	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	134679	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	107940	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	308119	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	408471	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	406510	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3312	6.81	ng/uL	0.00
5) Phenol-d5	7.51	99	79613	33.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	42575	35.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	75163	37.48	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	74142	34.91	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	36935	39.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	47881	39.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	88841	37.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	108630	45.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	386683	39.58	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	399619	37.81	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	50718	34.56	ng/ul	0.00
58) Fluorene-d10	15.96	176	340044	37.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	75149	34.25	ng/ul	0.00
71) Anthracene-d10	17.82	188	585862	39.71	ng/ul	0.00
79) Pyrene-d10	20.10	212	728336	40.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	728680	38.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	770	1.478	ng/uL#	87
4) Benzaldehyde	7.51	77	1303m	1.107	ng/ul	
6) Phenol	7.53	94	8082	3.503	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.77	93	6341	3.882	ng/ul#	89
10) 2-Chlorophenol	7.93	128	6828	3.696	ng/ul#	85
11) 2-Methylphenol	8.79	108	6002	3.336	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.89	45	7615	3.552	ng/ul	98
14) Acetophenone	9.19	105	11039	3.578	ng/ul#	75
15) N-Nitroso-di-n-propylamine	9.16	70	5398	3.727	ng/ul	99
16) 4-Methylphenol	9.12	108	6844	3.429	ng/ul	81
17) Hexachloroethane	9.45	117	2673	3.616	ng/ul	98
20) Nitrobenzene	9.57	77	8191	4.052	ng/ul	94
21) Isophorone	10.09	82	15289	3.958	ng/ul#	95
23) 2-Nitrophenol	10.29	139	4761	4.121	ng/ul#	88
24) 2,4-Dimethylphenol	10.33	107	9009	3.899	ng/ul#	92
25) Bis(2-Chloroethoxy)methane	10.57	93	9634	4.293	ng/ul#	93
27) 2,4-Dichlorophenol	10.83	162	8495	3.778	ng/ul#	80
28) Naphthalene	11.24	128	25131	4.134	ng/ul	96
30) 4-Chloroaniline	11.34	127	6975	3.079	ng/ul	97
31) Hexachlorobutadiene	11.52	225	8171	4.200	ng/ul#	79
32) Caprolactam	12.13	113	2711m	3.757	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	7854	3.585	ng/ul	90
34) 2-Methylnaphthalene	12.82	142	21686	4.134	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	20682	4.066	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	16573	3.985	ng/ul#	94
38) Hexachlorocyclopentadiene	13.15	237	6263	2.569	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.41	196	7975	3.213	ng/ul	94
40) 2,4,5-Trichlorophenol	13.49	196	9397	3.564	ng/ul	95
41) 1,1'-Biphenyl	13.81	154	31144	3.970	ng/ul	95
42) 2-Chloronaphthalene	13.86	162	25461	4.024	ng/ul	94
43) 2-Nitroaniline	14.06	65	4930	3.306	ng/ul	91
45) Dimethylphthalate	14.41	163	37393	4.178	ng/ul#	98
46) 2,6-Dinitrotoluene	14.54	165	6126	3.410	ng/ul#	87
48) Acenaphthylene	14.70	152	41184	4.112	ng/ul#	96
49) 3-Nitroaniline	14.87	138	4826	3.232	ng/ul#	75
50) Acenaphthene	15.04	153	27012	3.939	ng/ul	95
51) 2,4-Dinitrophenol	15.09	184	2565	2.237	ng/ul	92
53) 4-Nitrophenol	15.17	109	4016	3.365	ng/ul	87
54) Dibenzofuran	15.37	168	42834	4.108	ng/ul	92
55) 2,4-Dinitrotoluene	15.33	165	10081	3.757	ng/ul#	74
56) 2,3,4,6-Tetrachlorophenol	15.59	232	9376	3.339	ng/ul#	91
57) Diethylphthalate	15.76	149	35367	3.764	ng/ul	96
59) Fluorene	16.02	166	36456	4.030	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.00	204	22539	4.171	ng/ul	91
61) 4-Nitroaniline	16.04	138	6871m	3.875	ng/ul	
64) 4,6-Dinitro-2-methylphenol	16.09	198	8292	3.944	ng/ul#	79
65) N-Nitrosodiphenylamine	16.21	169	31192	4.010	ng/ul	98
66) 4-Bromophenyl-phenylether	16.90	248	15366	3.878	ng/ul#	92
67) Hexachlorobenzene	17.03	284	18470	4.099	ng/ul	92
68) Atrazine	17.15	200	13260	3.573	ng/ul#	93
69) Pentachlorophenol	17.37	266	5810	2.470	ng/ul	90
70) Phenanthrene	17.77	178	63404	4.139	ng/ul	99
72) Anthracene	17.85	178	65839	4.128	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	17172	3.996	ng/uL	96
74) Pentachlorobenzene	15.29	250	24805	3.884	ng/uL	97
75) Carbazole	18.12	167	50581	3.872	ng/ul	98
76) Di-n-butylphthalate	18.65	149	53525	3.691	ng/ul	99
77) Fluoranthene	19.76	202	82595	4.219	ng/ul#	93
80) Pyrene	20.13	202	90916	4.288	ng/ul#	92
81) Butylbenzylphthalate	20.99	149	22443	3.562	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.94	252	23820	3.188	ng/ul	99
83) Benzo(a)anthracene	22.04	228	88648	4.086	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.90	149	32076	3.480	ng/ul	98
85) Chrysene	22.11	228	81849	4.124	ng/ul	96
87) Di-n-octyl phthalate	23.21	149	53465	3.337	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	85440	3.775	ng/ul	98
89) Benzo(k)fluoranthene	24.52	252	86586	3.924	ng/ul#	95
91) Benzo(a)pyrene	25.40	252	86631	3.978	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.60	276	102942m	3.895	ng/ul	
93) Dibenzo(a,h)anthracene	29.66	278	86503	3.816	ng/ul#	94
94) Benzo(g,h,i)perylene	30.86	276	84263m	3.846	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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