Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028049.D
Acq On : 28 Jul 2017 10:09
Operator : SJ/JU
Sample : MDL-W-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-W-01

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Quant Time: Jul 28 13:44:22 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 13:35:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	33675	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	143263	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.98	164	108526	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	318098	20.00	ng/ul	0.00
78) Chrysene-d12	22.05	240	449512	20.00	ng/ul	0.00
86) Perylene-d12	25.57	264	439743	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3127	6.02	ng/uL	0.00
5) Phenol-d5	7.51	99	70532	27.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	38921	30.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	65083	30.35	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	63867	28.13	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	33112	33.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	41100	32.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	77622	30.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	89872	35.50	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	337772	34.39	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	347874	32.74	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	42732	28.96	ng/ul	0.00
58) Fluorene-d10	15.96	176	296853	32.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	64441	28.45	ng/ul	0.00
71) Anthracene-d10	17.82	188	510710	33.53	ng/ul	0.00
79) Pyrene-d10	20.10	212	654623	32.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	675643	33.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	819	1.470	ng/uL#	80
4) Benzaldehyde	7.52	77	1394m	1.107	ng/ul	
6) Phenol	7.54	94	8323	3.374	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.78	93	6085	3.485	ng/ul	98
10) 2-Chlorophenol	7.93	128	7015	3.551	ng/ul	91
11) 2-Methylphenol	8.80	108	6221	3.234	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.89	45	8150	3.555	ng/ul#	93
14) Acetophenone	9.19	105	11420	3.462	ng/ul#	94
15) N-Nitroso-di-n-propylamine	9.16	70	5600	3.616	ng/ul#	98
16) 4-Methylphenol	9.12	108	6669	3.125	ng/ul#	71
17) Hexachloroethane	9.46	117	2630	3.328	ng/ul#	50
20) Nitrobenzene	9.58	77	8379	3.897	ng/ul	91
21) Isophorone	10.10	82	15583	3.792	ng/ul	95
23) 2-Nitrophenol	10.29	139	4799	3.905	ng/ul#	83
24) 2,4-Dimethylphenol	10.33	107	8986	3.656	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.57	93	9490	3.976	ng/ul	98
27) 2,4-Dichlorophenol	10.83	162	8938	3.737	ng/ul	88
28) Naphthalene	11.24	128	24057	3.720	ng/ul	96
30) 4-Chloroaniline	11.34	127	6701	2.781	ng/ul	96
31) Hexachlorobutadiene	11.51	225	7912	3.823	ng/ul	94
32) Caprolactam	12.13	113	2351m	3.062	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	7347	3.152	ng/ul#	87
34) 2-Methylnaphthalene	12.82	142	21396	3.834	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	21099	3.899	ng/ul#	88
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	16668	3.987	ng/ul#	90
38) Hexachlorocyclopentadiene	13.15	237	6800	2.774	ng/ul#	85
39) 2,4,6-Trichlorophenol	13.42	196	7892	3.162	ng/ul	89
40) 2,4,5-Trichlorophenol	13.50	196	9348	3.526	ng/ul	87
41) 1,1'-Biphenyl	13.81	154	30050	3.810	ng/ul	99
42) 2-Chloronaphthalene	13.86	162	25515	4.011	ng/ul	96
43) 2-Nitroaniline	14.05	65	4934	3.291	ng/ul#	90
45) Dimethylphthalate	14.41	163	36109	4.013	ng/ul	99
46) 2,6-Dinitrotoluene	14.54	165	6354	3.518	ng/ul	91
48) Acenaphthylene	14.70	152	40201	3.992	ng/ul	97
49) 3-Nitroaniline	14.88	138	4429	2.950	ng/ul	85
50) Acenaphthene	15.04	153	26043	3.777	ng/ul	93
51) 2,4-Dinitrophenol	15.09	184	1915	1.661	ng/ul	90
53) 4-Nitrophenol	15.17	109	4315	3.596	ng/ul#	87
54) Dibenzofuran	15.37	168	41985	4.005	ng/ul	97
55) 2,4-Dinitrotoluene	15.33	165	9974	3.697	ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.60	232	9304	3.295	ng/ul#	88
57) Diethylphthalate	15.77	149	35342	3.741	ng/ul	97
59) Fluorene	16.02	166	35032	3.851	ng/ul	96
60) 4-Chlorophenyl-phenylether	16.00	204	21610	3.977	ng/ul	92
61) 4-Nitroaniline	16.04	138	6696	3.756	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	16.09	198	7587	3.496	ng/ul#	92
65) N-Nitrosodiphenylamine	16.21	169	30470	3.795	ng/ul	94
66) 4-Bromophenyl-phenylether	16.90	248	15641	3.824	ng/ul#	91
67) Hexachlorobenzene	17.03	284	18296	3.933	ng/ul	93
68) Atrazine	17.15	200	12304	3.212	ng/ul	98
69) Pentachlorophenol	17.38	266	5192	2.138	ng/ul	94
70) Phenanthrene	17.77	178	61298	3.876	ng/ul	97
72) Anthracene	17.86	178	64368	3.909	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	16618	3.746	ng/uL	92
74) Pentachlorobenzene	15.29	250	25164	3.817	ng/uL	92
75) Carbazole	18.13	167	50441	3.741	ng/ul	95
76) Di-n-butylphthalate	18.65	149	55255	3.690	ng/ul	97
77) Fluoranthene	19.76	202	81978	4.056	ng/ul#	93
80) Pyrene	20.13	202	90193	3.866	ng/ul#	96
81) Butylbenzylphthalate	20.99	149	23436	3.380	ng/ul#	87
82) 3,3'-Dichlorobenzidine	21.94	252	25919	3.152	ng/ul#	97
83) Benzo(a)anthracene	22.04	228	93908	3.933	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.90	149	33848	3.337	ng/ul#	97
85) Chrysene	22.11	228	85862	3.931	ng/ul	94
87) Di-n-octyl phthalate	23.20	149	54428	3.140	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	92174	3.765	ng/ul#	98
89) Benzo(k)fluoranthene	24.52	252	91514	3.834	ng/ul#	97
91) Benzo(a)pyrene	25.40	252	87578	3.718	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.60	276	105229m	3.681	ng/ul	
93) Dibenzo(a,h)anthracene	29.66	278	90647	3.697	ng/ul	99
94) Benzo(g,h,i)perylene	30.86	276	89047m	3.757	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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