Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
Data File : BG028044.D
Acq On : 28 Jul 2017 2:25
Operator : SJ/JU
Sample : MDL-S-07
Misc : 4 PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-07

Manual Integrations APPROVED
Sohil
7/28/2017 4:46:05 PM

Quant Time: Jul 28 05:07:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 02:09:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	33835	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	147795	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.98	164	114628	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.73	188	340717	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	447872	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	442868	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3386	6.49	ng/uL	0.00
5) Phenol-d5	7.51	99	67134	26.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	37662	29.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	63499	29.47	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	61714	27.05	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	30268	29.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	39631	30.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	73778	28.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	88616	33.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	325396	31.37	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	333768	29.74	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	41378	26.55	ng/ul	0.00
58) Fluorene-d10	15.96	176	287604	30.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	62917	25.93	ng/ul	0.00
71) Anthracene-d10	17.82	188	491573	30.13	ng/ul	0.00
79) Pyrene-d10	20.10	212	617719	31.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	616635	30.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	783	1.399	ng/uL#	86
4) Benzaldehyde	7.52	77	919	0.727	ng/ul#	75
6) Phenol	7.53	94	7809	3.150	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.77	93	6153	3.507	ng/ul	89
10) 2-Chlorophenol	7.93	128	7025	3.540	ng/ul	93
11) 2-Methylphenol	8.79	108	6753	3.494	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.88	45	8032	3.487	ng/ul#	92
14) Acetophenone	9.19	105	12178	3.674	ng/ul	86
15) N-Nitroso-di-n-propylamine	9.16	70	5053	3.248	ng/ul#	93
16) 4-Methylphenol	9.12	108	7197	3.357	ng/ul	87
17) Hexachloroethane	9.46	117	2812	3.542	ng/ul#	61
20) Nitrobenzene	9.58	77	8284	3.734	ng/ul#	89
21) Isophorone	10.09	82	15456	3.646	ng/ul#	91
23) 2-Nitrophenol	10.29	139	5260	4.149	ng/ul#	76
24) 2,4-Dimethylphenol	10.33	107	9079	3.580	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.56	93	8699	3.533	ng/ul#	93
27) 2,4-Dichlorophenol	10.83	162	9493	3.847	ng/ul#	91
28) Naphthalene	11.24	128	25738	3.858	ng/ul#	95
30) 4-Chloroaniline	11.34	127	5904	2.375	ng/ul#	61
31) Hexachlorobutadiene	11.51	225	8095	3.792	ng/ul	97
32) Caprolactam	12.13	113	2632m	3.323	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	8106	3.371	ng/ul	92
34) 2-Methylnaphthalene	12.82	142	21260	3.693	ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	20867	3.738	ng/ul#	90
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	16060	3.637	ng/ul#	97
38) Hexachlorocyclopentadiene	13.15	237	6855	2.647	ng/ul#	83
39) 2,4,6-Trichlorophenol	13.41	196	8232	3.123	ng/ul	89
40) 2,4,5-Trichlorophenol	13.50	196	9217m	3.291	ng/ul	
41) 1,1'-Biphenyl	13.81	154	31608	3.794	ng/ul#	86
42) 2-Chloronaphthalene	13.86	162	25667	3.820	ng/ul	93
43) 2-Nitroaniline	14.06	65	5159	3.258	ng/ul	87
45) Dimethylphthalate	14.41	163	37229	3.917	ng/ul	98
46) 2,6-Dinitrotoluene	14.55	165	5990	3.140	ng/ul#	75
48) Acenaphthylene	14.70	152	40986	3.854	ng/ul	95
49) 3-Nitroaniline	14.88	138	5159	3.254	ng/ul	90
50) Acenaphthene	15.03	153	27257	3.742	ng/ul	98
51) 2,4-Dinitrophenol	15.08	184	1899	1.559	ng/ul#	80
53) 4-Nitrophenol	15.17	109	4351	3.433	ng/ul	86
54) Dibenzofuran	15.37	168	41986	3.792	ng/ul	95
55) 2,4-Dinitrotoluene	15.32	165	10869	3.815	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.59	232	10021	3.360	ng/ul#	92
57) Diethylphthalate	15.76	149	36714	3.680	ng/ul#	92
59) Fluorene	16.02	166	37398	3.893	ng/ul	95
60) 4-Chlorophenyl-phenylether	16.00	204	22417	3.906	ng/ul	95
61) 4-Nitroaniline	16.04	138	6508	3.456	ng/ul#	85
64) 4,6-Dinitro-2-methylphenol	16.09	198	8160	3.510	ng/ul#	92
65) N-Nitrosodiphenylamine	16.22	169	30201	3.512	ng/ul	96
66) 4-Bromophenyl-phenylether	16.90	248	16342	3.730	ng/ul	92
67) Hexachlorobenzene	17.03	284	19491	3.912	ng/ul#	93
68) Atrazine	17.16	200	13295	3.240	ng/ul#	94
69) Pentachlorophenol	17.37	266	5829m	2.241	ng/ul	
70) Phenanthrene	17.77	178	63997	3.778	ng/ul	99
72) Anthracene	17.85	178	66353	3.762	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	17715	3.728	ng/uL	98
74) Pentachlorobenzene	15.29	250	25473	3.607	ng/uL	96
75) Carbazole	18.12	167	50815	3.518	ng/ul	96
76) Di-n-butylphthalate	18.65	149	53958	3.365	ng/ul	99
77) Fluoranthene	19.76	202	83404	3.852	ng/ul#	93
80) Pyrene	20.12	202	91335	3.929	ng/ul#	95
81) Butylbenzylphthalate	20.99	149	21484	3.110	ng/ul	88
82) 3,3'-Dichlorobenzidine	21.94	252	25756	3.143	ng/ul#	93
83) Benzo(a)anthracene	22.04	228	91126	3.830	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.90	149	31183	3.086	ng/ul	98
85) Chrysene	22.11	228	81985	3.767	ng/ul	98
87) Di-n-octyl phthalate	23.21	149	51721	2.963	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	90470	3.669	ng/ul	96
89) Benzo(k)fluoranthene	24.52	252	87639m	3.646	ng/ul	
91) Benzo(a)pyrene	25.41	252	87554	3.691	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.61	276	98382	3.417	ng/ul#	93
93) Dibenzo(a,h)anthracene	29.66	278	87164	3.530	ng/ul#	96
94) Benzo(g,h,i)perylene	30.86	276	85397m	3.578	ng/ul	

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

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