Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
Data File : BG028043.D
Acq On : 28 Jul 2017 1:46
Operator : SJ/JU
Sample : MDL-S-06
Misc : 4 PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-06

Manual Integrations APPROVED
Sohil
7/28/2017 4:46:03 PM

Quant Time: Jul 28 04:44:57 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	33192	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	142325	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.98	164	115016	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	330231	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	441305	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	442080	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3163	6.18	ng/uL	0.00
5) Phenol-d5	7.51	99	69687	27.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	39315	31.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	66072	31.26	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	66478	29.70	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	33057	33.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	41622	32.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	77974	31.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	93878	37.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	349410	33.57	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	359206	31.90	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	44766	28.63	ng/ul	0.00
58) Fluorene-d10	15.96	176	309677	32.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	69299	29.47	ng/ul	0.00
71) Anthracene-d10	17.82	188	536198	33.91	ng/ul	0.00
79) Pyrene-d10	20.10	212	660044	33.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.34	264	671320	33.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	1046	1.905	ng/uL#	68
4) Benzaldehyde	7.52	77	1110	0.895	ng/ul#	52
6) Phenol	7.54	94	8749	3.598	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.78	93	6197	3.600	ng/ul	94
10) 2-Chlorophenol	7.93	128	7809	4.011	ng/ul#	80
11) 2-Methylphenol	8.80	108	5858	3.090	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.89	45	8218	3.637	ng/ul#	92
14) Acetophenone	9.19	105	12080	3.715	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.16	70	5544	3.632	ng/ul#	94
16) 4-Methylphenol	9.12	108	6661	3.167	ng/ul	95
17) Hexachloroethane	9.46	117	2490m	3.197	ng/ul	
20) Nitrobenzene	9.58	77	8398	3.931	ng/ul#	87
21) Isophorone	10.09	82	15800	3.870	ng/ul#	87
23) 2-Nitrophenol	10.29	139	4849	3.972	ng/ul	96
24) 2,4-Dimethylphenol	10.34	107	8895	3.643	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.57	93	9248	3.900	ng/ul	97
27) 2,4-Dichlorophenol	10.83	162	9365	3.941	ng/ul	91
28) Naphthalene	11.24	128	25878	4.028	ng/ul	100
30) 4-Chloroaniline	11.35	127	7190	3.004	ng/ul	92
31) Hexachlorobutadiene	11.51	225	8020	3.901	ng/ul	96
32) Caprolactam	12.14	113	2609m	3.421	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	7487	3.234	ng/ul	95
34) 2-Methylnaphthalene	12.82	142	20695	3.733	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	21200	3.944 ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	16779	3.787 ng/ul	96
38) Hexachlorocyclopentadiene	13.15	237	6389	2.459 ng/ul#	94
39) 2,4,6-Trichlorophenol	13.41	196	8603	3.253 ng/ul#	85
40) 2,4,5-Trichlorophenol	13.49	196	9509m	3.384 ng/ul	
41) 1,1'-Biphenyl	13.81	154	30370	3.633 ng/ul	95
42) 2-Chloronaphthalene	13.85	162	24526	3.638 ng/ul	97
43) 2-Nitroaniline	14.06	65	5295	3.332 ng/ul	94
45) Dimethylphthalate	14.41	163	36682	3.847 ng/ul	97
46) 2,6-Dinitrotoluene	14.54	165	6935	3.623 ng/ul	94
48) Acenaphthylene	14.70	152	41911	3.927 ng/ul	96
49) 3-Nitroaniline	14.88	138	5350	3.363 ng/ul#	76
50) Acenaphthene	15.04	153	26810	3.669 ng/ul	95
51) 2,4-Dinitrophenol	15.09	184	2011	1.646 ng/ul	89
53) 4-Nitrophenol	15.16	109	4346	3.417 ng/ul#	82
54) Dibenzofuran	15.37	168	43830	3.945 ng/ul	89
55) 2,4-Dinitrotoluene	15.33	165	10239	3.581 ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.60	232	9634	3.220 ng/ul#	86
57) Diethylphthalate	15.76	149	35537	3.550 ng/ul	94
59) Fluorene	16.02	166	36225	3.758 ng/ul	93
60) 4-Chlorophenyl-phenylether	16.00	204	21618	3.754 ng/ul	95
61) 4-Nitroaniline	16.04	138	7076	3.745 ng/ul	84
64) 4,6-Dinitro-2-methylphenol	16.09	198	8320	3.693 ng/ul#	93
65) N-Nitrosodiphenylamine	16.21	169	32033	3.843 ng/ul	96
66) 4-Bromophenyl-phenylether	16.90	248	15958	3.758 ng/ul#	87
67) Hexachlorobenzene	17.03	284	18882	3.910 ng/ul	96
68) Atrazine	17.15	200	12937	3.253 ng/ul	96
69) Pentachlorophenol	17.37	266	6432m	2.551 ng/ul	
70) Phenanthrene	17.77	178	63724	3.881 ng/ul	99
72) Anthracene	17.86	178	66754	3.905 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	16709	3.628 ng/uL	95
74) Pentachlorobenzene	15.29	250	25222	3.685 ng/uL	98
75) Carbazole	18.13	167	51443	3.675 ng/ul	98
76) Di-n-butylphthalate	18.65	149	55221	3.553 ng/ul	99
77) Fluoranthene	19.76	202	82875	3.950 ng/ul	98
80) Pyrene	20.13	202	94311	4.117 ng/ul#	93
81) Butylbenzylphthalate	21.00	149	22574	3.316 ng/ul	89
82) 3,3'-Dichlorobenzidine	21.94	252	26375	3.267 ng/ul#	95
83) Benzo(a)anthracene	22.04	228	89795	3.831 ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.90	149	33435	3.358 ng/ul#	93
85) Chrysene	22.11	228	83844	3.910 ng/ul	97
87) Di-n-octyl phthalate	23.21	149	53879	3.092 ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	86806	3.527 ng/ul#	97
89) Benzo(k)fluoranthene	24.52	252	92736	3.865 ng/ul#	95
91) Benzo(a)pyrene	25.41	252	89401	3.775 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.60	276	102594	3.570 ng/ul#	93
93) Dibenzo(a,h)anthracene	29.68	278	88599	3.594 ng/ul#	96
94) Benzo(g,h,i)perylene	30.87	276	88756m	3.725 ng/ul	

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

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