Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028054.D
Acq On : 28 Jul 2017 13:26
Operator : SJ/JU
Sample : MDL-W-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-W-06

Manual Integrations APPROVED
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7/28/2017 5:13:47 PM

Quant Time: Jul 28 14:07:01 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	34821	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	150525	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.98	164	117833	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	339956	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	454917	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	452798	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	2533	4.71	ng/uL	0.00
5) Phenol-d5	7.51	99	64763	24.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	36721	27.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	62626	28.24	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	61080	26.02	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	30804	29.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	39541	29.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	71155	26.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	85832	32.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	320501	30.06	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	326977	28.34	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	40857	25.50	ng/ul	0.00
58) Fluorene-d10	15.96	176	282894	28.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	60412	24.95	ng/ul	0.00
71) Anthracene-d10	17.82	188	484598	29.77	ng/ul	0.00
79) Pyrene-d10	20.10	212	610227	30.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.34	264	611927	29.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	727	1.262	ng/uL	90
4) Benzaldehyde	7.52	77	1196m	0.919	ng/ul	
6) Phenol	7.54	94	7772	3.047	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.77	93	5989	3.317	ng/ul	91
10) 2-Chlorophenol	7.93	128	6338	3.103	ng/ul#	90
11) 2-Methylphenol	8.79	108	5348	2.689	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.89	45	7355	3.103	ng/ul#	93
14) Acetophenone	9.19	105	10923	3.202	ng/ul#	84
15) N-Nitroso-di-n-propylamine	9.16	70	4776	2.983	ng/ul#	80
16) 4-Methylphenol	9.12	108	6545	2.966	ng/ul	96
17) Hexachloroethane	9.45	117	2776	3.397	ng/ul	95
20) Nitrobenzene	9.58	77	7441	3.293	ng/ul#	87
21) Isophorone	10.09	82	14144	3.276	ng/ul#	92
23) 2-Nitrophenol	10.29	139	4297	3.328	ng/ul	92
24) 2,4-Dimethylphenol	10.33	107	8022	3.106	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.57	93	8521	3.397	ng/ul#	94
27) 2,4-Dichlorophenol	10.83	162	8612	3.427	ng/ul#	91
28) Naphthalene	11.24	128	22749	3.348	ng/ul	99
30) 4-Chloroaniline	11.33	127	5732m	2.264	ng/ul	
31) Hexachlorobutadiene	11.51	225	7215	3.318	ng/ul	91
32) Caprolactam	12.13	113	1828	2.266	ng/ul#	80
33) 4-Chloro-3-methylphenol	12.44	107	7534	3.077	ng/ul	93
34) 2-Methylnaphthalene	12.82	142	19588	3.341	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	19129	3.365	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	15295	3.369	ng/ul#	93
38) Hexachlorocyclopentadiene	13.16	237	6344	2.383	ng/ul#	75
39) 2,4,6-Trichlorophenol	13.42	196	7926	2.925	ng/ul	95
40) 2,4,5-Trichlorophenol	13.50	196	8146	2.830	ng/ul	86
41) 1,1'-Biphenyl	13.81	154	28722	3.354	ng/ul#	91
42) 2-Chloronaphthalene	13.85	162	23197	3.358	ng/ul	95
43) 2-Nitroaniline	14.06	65	4983	3.061	ng/ul	86
45) Dimethylphthalate	14.41	163	35165	3.599	ng/ul#	98
46) 2,6-Dinitrotoluene	14.54	165	6484	3.306	ng/ul#	76
48) Acenaphthylene	14.70	152	38039	3.479	ng/ul#	95
49) 3-Nitroaniline	14.88	138	4812	2.952	ng/ul#	86
50) Acenaphthene	15.04	153	24122	3.222	ng/ul	88
51) 2,4-Dinitrophenol	15.09	184	1980m	1.582	ng/ul	
53) 4-Nitrophenol	15.17	109	4085	3.135	ng/ul#	86
54) Dibenzofuran	15.37	168	39803	3.497	ng/ul#	87
55) 2,4-Dinitrotoluene	15.33	165	9404	3.211	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.59	232	8201	2.675	ng/ul	95
57) Diethylphthalate	15.77	149	32441	3.163	ng/ul#	97
59) Fluorene	16.02	166	32451	3.286	ng/ul	97
60) 4-Chlorophenyl-phenylether	16.00	204	19902	3.374	ng/ul	97
61) 4-Nitroaniline	16.04	138	5798	2.995	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	16.09	198	7742	3.338	ng/ul#	94
65) N-Nitrosodiphenylamine	16.21	169	28054	3.269	ng/ul	96
66) 4-Bromophenyl-phenylether	16.90	248	14749	3.374	ng/ul#	92
67) Hexachlorobenzene	17.03	284	17426	3.505	ng/ul#	90
68) Atrazine	17.15	200	11949	2.919	ng/ul#	96
69) Pentachlorophenol	17.37	266	5018m	1.933	ng/ul	
70) Phenanthrene	17.77	178	59210	3.503	ng/ul	97
72) Anthracene	17.86	178	61189m	3.477	ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	15668	3.304	ng/uL	93
74) Pentachlorobenzene	15.29	250	23962	3.401	ng/uL	98
75) Carbazole	18.13	167	46851	3.251	ng/ul	97
76) Di-n-butylphthalate	18.65	149	50775	3.173	ng/ul	100
77) Fluoranthene	19.76	202	78394	3.629	ng/ul#	93
80) Pyrene	20.12	202	83697	3.545	ng/ul#	92
81) Butylbenzylphthalate	20.99	149	20199	2.879	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.94	252	22471	2.700	ng/ul#	94
83) Benzo(a)anthracene	22.04	228	82126	3.399	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.90	149	28542	2.781	ng/ul#	90
85) Chrysene	22.11	228	77131	3.489	ng/ul	98
87) Di-n-octyl phthalate	23.21	149	47427	2.657	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	81796	3.245	ng/ul	99
89) Benzo(k)fluoranthene	24.52	252	80656m	3.282	ng/ul	
91) Benzo(a)pyrene	25.40	252	79998	3.298	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.61	276	95879m	3.257	ng/ul	
93) Dibenzo(a,h)anthracene	29.67	278	82204m	3.256	ng/ul	
94) Benzo(g,h,i)perylene	30.87	276	79534	3.259	ng/ul#	90

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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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