Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081718\
Data File : BG036315.D
Acq On : 17 Aug 2018 11:30
Operator : JU/SJ
Sample : MDL-S-01
Misc : 1PPM/4PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-01

Manual Integrations APPROVED
Sohil
8/17/2018 6:44:09 PM

Quant Time: Aug 17 13:43:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081618MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 17 13:27:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35214	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	138741	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	104073	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	281557	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	328856	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	314405	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	6960	7.36	ng/uL	0.00
5) Phenol-d5	7.22	99	103694	28.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	80719	32.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	62749	31.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	80624	30.60	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	26204	31.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	24091	29.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	69904	28.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	90135	37.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	280844	31.72	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	329396	30.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	31682	28.94	ng/ul	0.00
58) Fluorene-d10	15.69	176	249143	30.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	25080	27.01	ng/ul	0.00
71) Anthracene-d10	17.54	188	418126	32.08	ng/ul	0.00
79) Pyrene-d10	19.82	212	516839	30.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	473221	28.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	1865	1.603	ng/uL#	81
4) Benzaldehyde	7.21	77	6376	2.174	ng/ul#	86
6) Phenol	7.25	94	13321	3.640	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.50	93	10068	3.744	ng/ul#	87
10) 2-Chlorophenol	7.64	128	6866	3.418	ng/ul	98
11) 2-Methylphenol	8.50	108	8934	3.362	ng/ul	82
12) 2,2'-oxybis(1-Chloropropan	8.61	45	12056	3.613	ng/ul#	80
14) Acetophenone	8.90	105	17109	3.892	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.88	70	10416	3.608	ng/ul#	87
16) 4-Methylphenol	8.83	108	9361	3.419	ng/ul	79
17) Hexachloroethane	9.17	117	3517	3.559	ng/ul#	85
20) Nitrobenzene	9.27	77	13268	4.158	ng/ul#	85
21) Isophorone	9.80	82	27291	3.523	ng/ul#	91
23) 2-Nitrophenol	9.99	139	3300	3.737	ng/ul#	73
24) 2,4-Dimethylphenol	10.04	107	12593	3.582	ng/ul#	78
25) Bis(2-Chloroethoxy)methane	10.29	93	14065	3.819	ng/ul#	98
27) 2,4-Dichlorophenol	10.52	162	7700	3.542	ng/ul#	67
28) Naphthalene	10.94	128	26146	3.737	ng/ul#	95
30) 4-Chloroaniline	11.04	127	9253m	3.855	ng/ul	
31) Hexachlorobutadiene	11.23	225	9062	4.262	ng/ul#	78
32) Caprolactam	11.80	113	2917m	3.063	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	9762	3.223	ng/ul#	71
34) 2-Methylnaphthalene	12.54	142	21050	3.936	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	19356	3.731	ng/ul#	92
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	15103	3.586	ng/ul#	95
38) Hexachlorocyclopentadiene	12.88	237	6171	2.719	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.13	196	5906	2.674	ng/ul#	73
40) 2,4,5-Trichlorophenol	13.20	196	7644	3.106	ng/ul	88
41) 1,1'-Biphenyl	13.54	154	29149	3.770	ng/ul#	86
42) 2-Chloronaphthalene	13.58	162	22031	3.626	ng/ul	97
43) 2-Nitroaniline	13.78	65	5406	2.981	ng/ul#	60
45) Dimethylphthalate	14.15	163	32716	3.760	ng/ul	97
46) 2,6-Dinitrotoluene	14.27	165	4031	3.419	ng/ul#	97
48) Acenaphthylene	14.42	152	32414	3.489	ng/ul	98
49) 3-Nitroaniline	14.60	138	3609	3.210	ng/ul#	99
50) Acenaphthene	14.76	153	22842	3.428	ng/ul	94
51) 2,4-Dinitrophenol	14.79	184	1976	3.042	ng/ul#	83
53) 4-Nitrophenol	14.88	109	5534	3.445	ng/ul#	63
54) Dibenzofuran	15.10	168	34178	3.584	ng/ul	98
55) 2,4-Dinitrotoluene	15.04	165	5386	3.364	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.32	232	5898	2.986	ng/ul	98
57) Diethylphthalate	15.51	149	28526	3.319	ng/ul	96
59) Fluorene	15.75	166	28960	3.503	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.74	204	17244	3.446	ng/ul	99
61) 4-Nitroaniline	15.74	138	3417	2.216	ng/ul#	70
64) 4,6-Dinitro-2-methylphenol	15.81	198	2618	2.617	ng/ul#	94
65) N-Nitrosodiphenylamine	15.95	169	27291	3.697	ng/ul	93
66) 4-Bromophenyl-phenylether	16.64	248	12647	3.878	ng/ul	93
67) Hexachlorobenzene	16.75	284	11704	3.402	ng/ul#	86
68) Atrazine	16.90	200	11427	3.535	ng/ul#	85
69) Pentachlorophenol	17.08	266	5064	2.958	ng/ul#	83
70) Phenanthrene	17.49	178	51703	3.676	ng/ul	99
72) Anthracene	17.58	178	53994	3.829	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	17252	3.861	ng/uL	92
74) Pentachlorobenzene	15.01	250	14715	3.751	ng/uL	91
75) Carbazole	17.84	167	42177	3.666	ng/ul#	90
76) Di-n-butylphthalate	18.42	149	43949	3.306	ng/ul#	93
77) Fluoranthene	19.49	202	69893	3.823	ng/ul	98
80) Pyrene	19.85	202	71442	3.467	ng/ul	97
81) Butylbenzylphthalate	20.75	149	18800	3.054	ng/ul#	82
82) 3,3'-Dichlorobenzidine	21.61	252	17279	2.501	ng/ul	96
83) Benzo(a)anthracene	21.70	228	76216m	3.637	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.64	149	23523	2.742	ng/ul#	84
85) Chrysene	21.76	228	68130	3.490	ng/ul	95
87) Di-n-octyl phthalate	22.86	149	39692	2.746	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	65135	3.272	ng/ul#	95
89) Benzo(k)fluoranthene	23.99	252	68461m	3.608	ng/ul	
91) Benzo(a)pyrene	24.79	252	65656	3.522	ng/ul	93
92) Indeno(1,2,3-cd)pyrene	28.60	276	69456m	3.253	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	58549	3.326	ng/ul#	84
94) Benzo(g,h,i)perylene	29.73	276	59122	3.345	ng/ul#	95

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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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