Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082218\
Data File : BG036336.D
Acq On : 22 Aug 2018 10:46
Operator : JU/SJ
Sample : MDL-W-03
Misc : 1PPM/4PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-W-03

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:41 AM

Quant Time: Aug 22 11:23:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 22 10:52:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	51251	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	222337	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	143242	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	358214	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	388238	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	374056	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	8150	5.92	ng/uL	0.00
5) Phenol-d5	7.22	99	147993	31.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	104604	32.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	107250	31.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	119259	32.77	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	50238	37.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	50913	37.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	112910	30.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	156923	38.83	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	382593	31.94	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	458825	31.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	59165	33.40	ng/ul	0.00
58) Fluorene-d10	15.69	176	327499	31.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	38131	29.39	ng/ul	0.00
71) Anthracene-d10	17.54	188	518109	31.00	ng/ul	0.00
79) Pyrene-d10	19.82	212	617163	31.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	591214	29.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2083	1.435	ng/uL#	11
4) Benzaldehyde	7.21	77	6948	2.174	ng/ul	95
6) Phenol	7.24	94	16690	3.502	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.50	93	13025	3.681	ng/ul	96
10) 2-Chlorophenol	7.64	128	11802	3.427	ng/ul	91
11) 2-Methylphenol	8.50	108	12339	3.398	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.60	45	27698	3.555	ng/ul#	88
14) Acetophenone	8.89	105	21050	3.773	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.88	70	12211	3.632	ng/ul#	83
16) 4-Methylphenol	8.83	108	13056	3.437	ng/ul	100
17) Hexachloroethane	9.16	117	5290	3.856	ng/ul#	77
20) Nitrobenzene	9.28	77	15499	4.027	ng/ul	97
21) Isophorone	9.80	82	33046	3.537	ng/ul	96
23) 2-Nitrophenol	9.99	139	5471	3.788	ng/ul#	83
24) 2,4-Dimethylphenol	10.04	107	15162	3.437	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.28	93	18291	3.622	ng/ul	96
27) 2,4-Dichlorophenol	10.52	162	11661	3.370	ng/ul	93
28) Naphthalene	10.93	128	42231	3.706	ng/ul	98
30) 4-Chloroaniline	11.03	127	14774	3.753	ng/ul	95
31) Hexachlorobutadiene	11.22	225	8617	3.488	ng/ul	90
32) Caprolactam	11.81	113	5610m	3.918	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	14522	3.572	ng/ul	88
34) 2-Methylnaphthalene	12.53	142	31411	3.694	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	30837	3.718	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	17957	3.680	ng/ul	92
38) Hexachlorocyclopentadiene	12.88	237	8278	2.836	ng/ul	94
39) 2,4,6-Trichlorophenol	13.13	196	9757	3.238	ng/ul	91
40) 2,4,5-Trichlorophenol	13.20	196	10288	3.294	ng/ul	98
41) 1,1'-Biphenyl	13.54	154	41202	3.675	ng/ul#	94
42) 2-Chloronaphthalene	13.58	162	31345	3.644	ng/ul	96
43) 2-Nitroaniline	13.77	65	8072	3.587	ng/ul#	74
45) Dimethylphthalate	14.15	163	40404	3.516	ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	5441	3.388	ng/ul	90
48) Acenaphthylene	14.42	152	48806	3.585	ng/ul	100
49) 3-Nitroaniline	14.59	138	5491	3.281	ng/ul#	79
50) Acenaphthene	14.76	153	34920	3.583	ng/ul	94
51) 2,4-Dinitrophenol	14.79	184	2017	2.469	ng/ul#	48
53) 4-Nitrophenol	14.88	109	6090	3.704	ng/ul#	73
54) Dibenzofuran	15.09	168	48145	3.569	ng/ul	98
55) 2,4-Dinitrotoluene	15.05	165	7810	3.516	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.32	232	9419	3.220	ng/ul#	84
57) Diethylphthalate	15.52	149	42648	3.656	ng/ul	96
59) Fluorene	15.75	166	39847	3.664	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.74	204	20836	3.516	ng/ul	95
61) 4-Nitroaniline	15.75	138	5596	2.639	ng/ul#	81
64) 4,6-Dinitro-2-methylphenol	15.80	198	4565	3.406	ng/ul#	59
65) N-Nitrosodiphenylamine	15.95	169	34568	3.445	ng/ul	98
66) 4-Bromophenyl-phenylether	16.63	248	13538	3.417	ng/ul#	93
67) Hexachlorobenzene	16.74	284	13486	3.410	ng/ul#	89
68) Atrazine	16.90	200	14579	3.522	ng/ul	98
69) Pentachlorophenol	17.09	266	6889	2.873	ng/ul	93
70) Phenanthrene	17.48	178	67038	3.601	ng/ul	99
72) Anthracene	17.57	178	65746	3.510	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	19127	3.494	ng/uL	91
74) Pentachlorobenzene	15.01	250	16120	3.383	ng/uL	96
75) Carbazole	17.84	167	60824	3.863	ng/ul	96
76) Di-n-butylphthalate	18.41	149	71190	3.460	ng/ul	99
77) Fluoranthene	19.49	202	84433	3.912	ng/ul#	94
80) Pyrene	19.85	202	83185	3.536	ng/ul#	92
81) Butylbenzylphthalate	20.75	149	30643	3.200	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.60	252	21901	2.738	ng/ul#	97
83) Benzo(a)anthracene	21.69	228	87443	3.564	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	45106	3.304	ng/ul	93
85) Chrysene	21.76	228	80323	3.570	ng/ul	95
87) Di-n-octyl phthalate	22.85	149	73239	3.484	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	79758	3.601	ng/ul#	97
89) Benzo(k)fluoranthene	23.98	252	74548	3.491	ng/ul#	94
91) Benzo(a)pyrene	24.78	252	73890	3.525	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.59	276	87161m	3.492	ng/ul	
93) Dibenzo(a,h)anthracene	28.67	278	70314m	3.475	ng/ul	
94) Benzo(g,h,i)perylene	29.73	276	71708	3.484	ng/ul#	94

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

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