Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081718\
Data File : BG036319.D
Acq On : 17 Aug 2018 14:46
Operator : JU/SJ
Sample : MDL-S-05
Misc : 1PPM/4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-05

Manual Integrations APPROVED
Sohil
8/17/2018 6:44:12 PM

Quant Time: Aug 17 15:26:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081618MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 17 14:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	145495	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	108284	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	297649	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	337576	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	316991	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	7110	7.35	ng/uL	0.00
5) Phenol-d5	7.22	99	113349	30.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	85518	33.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	68540	33.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	89663	33.27	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	30381	35.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	28889	34.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	79208	30.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	101203	40.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	308675	33.51	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	352932	31.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	35686	31.33	ng/ul	0.00
58) Fluorene-d10	15.69	176	271355	32.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	29360	29.91	ng/ul	0.00
71) Anthracene-d10	17.54	188	456011	33.10	ng/ul	0.00
79) Pyrene-d10	19.82	212	553721	31.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	500390	29.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2338m	1.965	ng/uL	
4) Benzaldehyde	7.22	77	6864	2.289	ng/ul#	80
6) Phenol	7.24	94	13618	3.638	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.49	93	11236	4.085	ng/ul#	88
10) 2-Chlorophenol	7.64	128	7632	3.714	ng/ul#	90
11) 2-Methylphenol	8.51	108	9591	3.529	ng/ul#	63
12) 2,2'-oxybis(1-Chloropropan	8.60	45	13760	4.032	ng/ul#	92
14) Acetophenone	8.90	105	17332	3.855	ng/ul#	69
15) N-Nitroso-di-n-propylamine	8.88	70	11809	4.000	ng/ul#	94
16) 4-Methylphenol	8.83	108	10045	3.587	ng/ul	89
17) Hexachloroethane	9.16	117	3982	3.940	ng/ul#	71
20) Nitrobenzene	9.28	77	13463	4.023	ng/ul#	81
21) Isophorone	9.80	82	28788	3.544	ng/ul#	83
23) 2-Nitrophenol	9.98	139	3781m	4.083	ng/ul	
24) 2,4-Dimethylphenol	10.04	107	14300	3.879	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.29	93	14153	3.665	ng/ul#	94
27) 2,4-Dichlorophenol	10.52	162	8228	3.609	ng/ul#	75
28) Naphthalene	10.93	128	26267	3.580	ng/ul#	89
30) 4-Chloroaniline	11.03	127	9685	3.848	ng/ul	97
31) Hexachlorobutadiene	11.23	225	8240	3.695	ng/ul#	83
32) Caprolactam	11.80	113	3225m	3.229	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	9917	3.122	ng/ul	87
34) 2-Methylnaphthalene	12.53	142	21074	3.758	ng/ul	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	20502	3.768	ng/ul	91
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	15718	3.586	ng/ul	93
38) Hexachlorocyclopentadiene	12.88	237	7991	3.384	ng/ul	87
39) 2,4,6-Trichlorophenol	13.13	196	7113	3.096	ng/ul#	85
40) 2,4,5-Trichlorophenol	13.20	196	8206	3.204	ng/ul	96
41) 1,1'-Biphenyl	13.54	154	29694	3.691	ng/ul#	96
42) 2-Chloronaphthalene	13.58	162	25177	3.982	ng/ul	96
43) 2-Nitroaniline	13.77	65	6481	3.434	ng/ul#	69
45) Dimethylphthalate	14.15	163	33151	3.662	ng/ul#	91
46) 2,6-Dinitrotoluene	14.27	165	4501	3.669	ng/ul#	77
48) Acenaphthylene	14.42	152	36848	3.812	ng/ul	98
49) 3-Nitroaniline	14.59	138	3989	3.410	ng/ul#	54
50) Acenaphthene	14.76	153	24237	3.496	ng/ul	93
51) 2,4-Dinitrophenol	14.78	184	1857m	2.748	ng/ul	
53) 4-Nitrophenol	14.88	109	6717	4.018	ng/ul#	73
54) Dibenzofuran	15.10	168	38496	3.879	ng/ul	89
55) 2,4-Dinitrotoluene	15.05	165	6633	3.982	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	15.32	232	6447	3.137	ng/ul	93
57) Diethylphthalate	15.52	149	31535	3.527	ng/ul	97
59) Fluorene	15.75	166	28629	3.329	ng/ul	92
60) 4-Chlorophenyl-phenylether	15.74	204	19395	3.725	ng/ul#	89
61) 4-Nitroaniline	15.75	138	4039	2.517	ng/ul#	63
64) 4,6-Dinitro-2-methylphenol	15.81	198	3887	3.675	ng/ul#	56
65) N-Nitrosodiphenylamine	15.95	169	29167	3.738	ng/ul	92
66) 4-Bromophenyl-phenylether	16.64	248	13425	3.894	ng/ul	87
67) Hexachlorobenzene	16.75	284	13439	3.695	ng/ul#	88
68) Atrazine	16.90	200	11818	3.458	ng/ul	93
69) Pentachlorophenol	17.09	266	4419	2.442	ng/ul	94
70) Phenanthrene	17.49	178	57278	3.852	ng/ul	94
72) Anthracene	17.58	178	52755	3.539	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	16898	3.577	ng/uL	87
74) Pentachlorobenzene	15.01	250	15400	3.713	ng/uL#	89
75) Carbazole	17.84	167	43983	3.616	ng/ul#	95
76) Di-n-butylphthalate	18.41	149	48743	3.469	ng/ul#	97
77) Fluoranthene	19.49	202	72204	3.736	ng/ul#	96
80) Pyrene	19.85	202	76005	3.593	ng/ul	97
81) Butylbenzylphthalate	20.75	149	18630	2.948	ng/ul#	67
82) 3,3'-Dichlorobenzidine	21.60	252	18607	2.624	ng/ul#	92
83) Benzo(a)anthracene	21.69	228	76062	3.536	ng/ul#	95
84) Bis(2-ethylhexyl)phthalate	21.63	149	28783	3.268	ng/ul	96
85) Chrysene	21.76	228	72263	3.606	ng/ul	94
87) Di-n-octyl phthalate	22.86	149	41334	2.836	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	69209	3.449	ng/ul#	97
89) Benzo(k)fluoranthene	23.98	252	69320	3.624	ng/ul#	95
91) Benzo(a)pyrene	24.79	252	67827	3.609	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	28.59	276	70727m	3.285	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	60398m	3.403	ng/ul	
94) Benzo(g,h,i)perylene	29.74	276	61355m	3.443	ng/ul	

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

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