Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081718\
Data File : BG036317.D
Acq On : 17 Aug 2018 13:28
Operator : JU/SJ
Sample : MDL-S-03
Misc : 1PPM/4PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-03

Manual Integrations APPROVED
Sohil
8/17/2018 6:44:11 PM

Quant Time: Aug 17 14:11:15 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	35290	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	143515	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	104770	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	297006	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	330220	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	314495	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	6714	7.08	ng/uL	0.01
5) Phenol-d5	7.23	99	118566	32.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	88158	35.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	66668	33.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	88375	33.47	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	29391	34.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	28872	34.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	78794	30.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	95479	38.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	303544	34.05	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	363115	33.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	34573	31.37	ng/ul	0.00
58) Fluorene-d10	15.69	176	270212	33.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	27574	28.15	ng/ul	0.00
71) Anthracene-d10	17.54	188	452488	32.91	ng/ul	0.00
79) Pyrene-d10	19.82	212	557401	32.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	506711	29.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2020	1.732	ng/uL#	90
4) Benzaldehyde	7.22	77	7780	2.647	ng/ul#	66
6) Phenol	7.25	94	14276	3.892	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.50	93	11483	4.261	ng/ul#	83
10) 2-Chlorophenol	7.64	128	9017	4.479	ng/ul#	85
11) 2-Methylphenol	8.51	108	10714	4.023	ng/ul#	73
12) 2,2'-oxybis(1-Chloropropan	8.61	45	14115	4.221	ng/ul#	85
14) Acetophenone	8.89	105	18906	4.292	ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.88	70	12483	4.315	ng/ul#	92
16) 4-Methylphenol	8.83	108	10703	3.901	ng/ul	79
17) Hexachloroethane	9.16	117	4057	4.096	ng/ul#	82
20) Nitrobenzene	9.28	77	15393	4.663	ng/ul#	95
21) Isophorone	9.80	82	30915	3.859	ng/ul#	94
23) 2-Nitrophenol	9.99	139	3773	4.131	ng/ul#	81
24) 2,4-Dimethylphenol	10.05	107	14291	3.930	ng/ul#	73
25) Bis(2-Chloroethoxy)methane	10.29	93	16213	4.256	ng/ul#	79
27) 2,4-Dichlorophenol	10.53	162	10021	4.456	ng/ul#	80
28) Naphthalene	10.93	128	30535	4.219	ng/ul#	95
30) 4-Chloroaniline	11.04	127	9657	3.890	ng/ul	95
31) Hexachlorobutadiene	11.23	225	8599	3.909	ng/ul	91
32) Caprolactam	11.81	113	3194m	3.243	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	11786	3.762	ng/ul#	93
34) 2-Methylnaphthalene	12.53	142	23681	4.281	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	22261	4.148 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	15607	3.681 ng/ul#	81
38) Hexachlorocyclopentadiene	12.88	237	8814	3.858 ng/ul#	90
39) 2,4,6-Trichlorophenol	13.13	196	8182	3.680 ng/ul#	95
40) 2,4,5-Trichlorophenol	13.19	196	9820	3.963 ng/ul#	71
41) 1,1'-Biphenyl	13.54	154	31097	3.995 ng/ul	97
42) 2-Chloronaphthalene	13.58	162	25978	4.247 ng/ul	94
43) 2-Nitroaniline	13.77	65	7049	3.861 ng/ul#	73
45) Dimethylphthalate	14.15	163	37417	4.272 ng/ul#	94
46) 2,6-Dinitrotoluene	14.27	165	4649	3.917 ng/ul	89
48) Acenaphthylene	14.42	152	38439	4.110 ng/ul#	93
49) 3-Nitroaniline	14.59	138	4323	3.819 ng/ul#	96
50) Acenaphthene	14.76	153	27231	4.060 ng/ul	96
51) 2,4-Dinitrophenol	14.79	184	1772	2.710 ng/ul	94
53) 4-Nitrophenol	14.88	109	7683	4.750 ng/ul#	67
54) Dibenzofuran	15.10	168	38745	4.035 ng/ul#	81
55) 2,4-Dinitrotoluene	15.05	165	6240	3.871 ng/ul#	68
56) 2,3,4,6-Tetrachlorophenol	15.32	232	7233	3.638 ng/ul#	88
57) Diethylphthalate	15.52	149	33200	3.837 ng/ul	98
59) Fluorene	15.75	166	33646	4.043 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.74	204	20403	4.050 ng/ul	95
61) 4-Nitroaniline	15.75	138	4867	3.135 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.81	198	3127	2.963 ng/ul#	73
65) N-Nitrosodiphenylamine	15.95	169	30376	3.901 ng/ul#	86
66) 4-Bromophenyl-phenylether	16.64	248	13449	3.909 ng/ul	91
67) Hexachlorobenzene	16.75	284	13644	3.760 ng/ul#	87
68) Atrazine	16.90	200	12192	3.575 ng/ul	91
69) Pentachlorophenol	17.09	266	5289	2.929 ng/ul#	64
70) Phenanthrene	17.49	178	57009	3.842 ng/ul	99
72) Anthracene	17.58	178	58805	3.954 ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	17878	3.793 ng/uL	91
74) Pentachlorobenzene	15.02	250	16839	4.069 ng/uL	89
75) Carbazole	17.84	167	48628	4.007 ng/ul	98
76) Di-n-butylphthalate	18.42	149	53613	3.824 ng/ul#	89
77) Fluoranthene	19.49	202	79767	4.136 ng/ul#	96
80) Pyrene	19.85	202	83636	4.042 ng/ul#	94
81) Butylbenzylphthalate	20.75	149	20284	3.281 ng/ul#	74
82) 3,3'-Dichlorobenzidine	21.61	252	18469	2.662 ng/ul#	92
83) Benzo(a)anthracene	21.70	228	85894	4.082 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.63	149	28435	3.301 ng/ul#	96
85) Chrysene	21.76	228	77736	3.966 ng/ul	97
87) Di-n-octyl phthalate	22.86	149	45369	3.138 ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	79712	4.004 ng/ul#	98
89) Benzo(k)fluoranthene	23.98	252	78562	4.140 ng/ul#	94
91) Benzo(a)pyrene	24.79	252	74123	3.975 ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	28.61	276	80538m	3.770 ng/ul	
93) Dibenzo(a,h)anthracene	28.69	278	68895m	3.912 ng/ul	
94) Benzo(g,h,i)perylene	29.72	276	66707m	3.774 ng/ul	

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

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