Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048168.D
Acq On : 16 Feb 2021 18:17
Operator : CG/JU
Sample : M1407-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1

Quant Time: Feb 17 04:05:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 16 23:25:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	62111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	228336	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	163169	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	390757	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	437787	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	438933	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	6790	4.55	ng/uL	0.00
5) Phenol-d5	7.24	99	34500	6.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	92666	29.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	88055	23.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	62827	15.30	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	55064	32.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	66269	32.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	111930	27.70	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.13	166	395743	32.74	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	468319	31.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	18390	8.95	ng/ul	0.00
58) Fluorene-d10	15.72	176	353321	32.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	79758	33.29	ng/ul	0.00
71) Anthracene-d10	17.57	188	569333	33.98	ng/ul	0.00
79) Pyrene-d10	19.85	212	694920	31.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	759406	33.91	ng/ul	0.00
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	10.10	107	33336	7.160	ng/ul#	90
27) 2,4-Dichlorophenol	10.60	162	6717	1.738	ng/ul	98
28) Naphthalene	10.98	128	2674668	232.234	ng/ul#	93
34) 2-Methylnaphthalene	12.56	142	47619	5.440	ng/ul	92
41) 1,1'-Biphenyl	13.56	154	276938	24.742	ng/ul	94
48) Acenaphthylene	14.45	152	35447	2.683	ng/ul#	91
50) Acenaphthene	14.79	153	1006319	101.472	ng/ul	95
54) Dibenzofuran	15.12	168	962488	66.499	ng/ul	97
59) Fluorene	15.78	166	645825	55.193	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.83	198	9505	3.981	ng/ul#	45
69) Pentachlorophenol	17.12	266	3302	1.208	ng/ul#	87
70) Phenanthrene	17.51	178	840202	42.796	ng/ul	97
72) Anthracene	17.60	178	77045	3.890	ng/ul	96
75) Carbazole	17.88	167	1863749	112.529	ng/ul#	91
77) Fluoranthene	19.51	202	67984	2.840	ng/ul	99
80) Pyrene	19.88	202	35919	1.321	ng/ul#	94

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

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