Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021221\
Data File : BG048146.D
Acq On : 12 Feb 2021 12:49
Operator : CG/JU
Sample : M1326-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X2Z61

Quant Time: Feb 12 13:30:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 12 11:47:26 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	45313	20.00	ng/ul	0.00
20) Naphthalene-d8	10.92	136	188673	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	139774	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	341035	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	351944	20.00	ng/ul	0.00
88) Perylene-d12	25.01	264	350873	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	5207	4.32	ng/uL	0.00
4) Pyridine-d5	3.92	84	63081	17.93	ng/ul	0.00
7) Phenol-d5	7.24	99	117783	27.88	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.42	67	70626	27.75	ng/ul	0.00
11) 2-Chlorophenol-d4	7.63	132	82211	26.74	ng/ul	0.00
15) 4-Methylphenol-d8	8.80	113	90245	27.06	ng/ul	0.00
21) Nitrobenzene-d5	9.27	128	41696	26.28	ng/ul	0.00
24) 2-Nitrophenol-d4	9.99	143	51347	26.33	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.52	165	95885	25.99	ng/ul	0.00
31) 4-Chloroaniline-d4	11.04	131	114301	24.19	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	343802	29.45	ng/ul	0.00
49) Acenaphthylene-d8	14.42	160	393769	29.31	ng/ul	0.00
54) 4-Nitrophenol-d4	14.90	143	59069	28.21	ng/ul	0.00
60) Fluorene-d10	15.72	176	305683	29.22	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	63141	25.89	ng/ul	0.00
73) Anthracene-d10	17.57	188	519053	31.52	ng/ul	0.00
81) Pyrene-d10	19.85	212	629803	32.10	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.78	264	660409	34.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	19049	14.033	ng/uL	91
6) Benzaldehyde	7.23	77	76889	37.508	ng/ul	97
8) Phenol	7.27	94	182804	42.680	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.51	93	98283	29.942	ng/ul	96
19) Hexachloroethane	9.19	117	57296	40.943	ng/ul	95
22) Nitrobenzene	9.30	77	75048	15.784	ng/ul	96
25) 2-Nitrophenol	10.02	139	59197	30.204	ng/ul#	87
30) Naphthalene	10.96	128	338229	31.800	ng/ul	98
36) 2-Methylnaphthalene	12.56	142	352179	44.711	ng/ul	94
37) 1-Methylnaphthalene	12.78	142	175820	23.547	ng/ul#	98
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	89871	16.408	ng/ul	99
42) 2,4,5-Trichlorophenol	13.23	196	173455	45.672	ng/ul	94
43) 1,1'-Biphenyl	13.56	154	337647	31.610	ng/ul	96
44) 2-Chloronaphthalene	13.61	162	270060	30.201	ng/ul	98
50) Acenaphthylene	14.45	152	384561	29.662	ng/ul	98
52) Acenaphthene	14.79	153	241021	25.634	ng/ul	98
55) 4-Nitrophenol	14.92	109	47058	21.455	ng/ul	98
56) Dibenzofuran	15.12	168	188311	13.893	ng/ul	98
57) 2,4-Dinitrotoluene	15.08	165	78098	21.776	ng/ul	97
59) Diethylphthalate	15.53	149	212671	17.468	ng/ul	98
61) Fluorene	15.77	166	334709	30.419	ng/ul	97
69) Hexachlorobenzene	16.77	284	66644	14.048	ng/ul	93

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72) Phenanthrene	17.51	178	514616	26.893	ng/ul	98
74) Anthracene	17.60	178	853655	43.888	ng/ul	99
80) Fluoranthene	19.51	202	637436	25.507	ng/ul	100
82) Pyrene	19.88	202	554610	22.673	ng/ul	98
85) Benzo(a)anthracene	21.72	228	513378	20.916	ng/ul	98
87) Chrysene	21.79	228	412387	17.418	ng/ul	98
89) Di-n-octyl phthalate	22.85	149	393887	19.921	ng/ul	100
90) Benzo(b)fluoranthene	23.97	252	850656	36.079	ng/ul	98
91) Benzo(k)fluoranthene	24.04	252	444505	19.303	ng/ul	97
93) Benzo(a)pyrene	24.85	252	487948	22.690	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.72	276	530384	19.892	ng/ul	99
95) Dibenzo(a,h)anthracene	28.78	278	302874	13.706	ng/ul	99
96) Benzo(g,h,i)perylene	29.89	276	694224	31.213	ng/ul	100

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

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