Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041321\
Data File : BM029458.D
Acq On : 13 Apr 2021 13:50
Operator : CG/JU
Sample : M1906-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X3308

Quant Time: Apr 14 03:13:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 12 15:46:03 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	103960	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	426283	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	253643	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	504969	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	477735	20.00	ng/ul	0.00
87) Perylene-d12	23.45	264	453968	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	13647	4.76	ng/uL	0.00
4) Pyridine-d5	3.59	84	170941	22.50	ng/ul	0.00
7) Phenol-d5	6.85	99	280174	29.43	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	178548	28.74	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	215359	30.21	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	214707	29.49	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	95320	28.88	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	108530	30.20	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	204747	30.30	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	201935	21.00	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	635624	32.51	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	790156	33.87	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	114658	30.65	ng/ul	0.00
60) Fluorene-d10	15.31	176	513250	31.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	101957	31.12	ng/ul	0.00
73) Anthracene-d10	17.16	188	809770	33.18	ng/ul	0.00
80) Pyrene-d10	19.45	212	856783	33.83	ng/ul	0.00
91) Benzo(a)pyrene-d12	23.31	264	856582	34.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	13650	4.603	ng/uL#	82
6) Benzaldehyde	6.83	77	220594	41.640	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.11	93	404726	52.723	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.49	70	148729	22.525	ng/ul	97
22) Nitrobenzene	8.87	77	105558	10.513	ng/ul	97
25) 2-Nitrophenol	9.58	139	86531	21.515	ng/ul	96
29) 2,4-Dichlorophenol	10.11	162	150163	22.224	ng/ul	96
30) Naphthalene	10.51	128	270159	11.382	ng/ul	98
33) Hexachlorobutadiene	10.80	225	100135	25.072	ng/ul	96
36) 2-Methylnaphthalene	12.13	142	363277	22.307	ng/ul	95
37) 1-Methylnaphthalene	12.35	142	562664	34.587	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	76042	10.244	ng/ul#	96
40) Hexachlorocyclopentadiene	12.48	237	213268	41.605	ng/ul	98
41) 2,4,6-Trichlorophenol	12.74	196	191074	38.023	ng/ul	95
43) 1,1'-Biphenyl	13.15	154	961007	44.622	ng/ul	99
44) 2-Chloronaphthalene	13.19	162	175819	10.693	ng/ul	99
48) 2,6-Dinitrotoluene	13.90	165	154151	39.902	ng/ul	100
50) Acenaphthylene	14.04	152	409926	16.684	ng/ul	99
52) Acenaphthene	14.38	153	204578	11.321	ng/ul	98
53) 2,4-Dinitrophenol	14.43	184	131531	55.024	ng/ul	96
56) Dibenzofuran	14.72	168	272731	11.378	ng/ul	99
61) Fluorene	15.37	166	253518	12.405	ng/ul	99

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62) 4-Chlorophenyl-phenylether	15.36	204	172040	18.837 ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.45	198	185453	54.627 ng/ul	96
69) Hexachlorobenzene	16.37	284	217199	37.796 ng/ul	98
71) Pentachlorophenol	16.72	266	216550	58.635 ng/ul	97
72) Phenanthrene	17.10	178	366074	11.754 ng/ul	100
74) Anthracene	17.19	178	651251	20.404 ng/ul	100
76) Carbazole	17.46	167	1379561	46.815 ng/ul	99
79) Fluoranthene	19.12	202	761683	22.871 ng/ul	99
81) Pyrene	19.48	202	782510	22.199 ng/ul	99
84) Benzo(a)anthracene	21.23	228	1053557	33.183 ng/ul	99
86) Chrysene	21.27	228	358732	11.699 ng/ul	98
89) Benzo(b)fluoranthene	22.79	252	773699	25.239 ng/ul	99
92) Benzo(a)pyrene	23.36	252	448492	16.492 ng/ul	99
93) Indeno(1,2,3-cd)pyrene	25.67	276	1070100	30.995 ng/ul	97
94) Dibenzo(a,h)anthracene	25.69	278	755628	26.010 ng/ul	99
95) Benzo(g,h,i)perylene	26.34	276	365399	13.081 ng/ul	98

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

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