Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004786.D
Acq On : 17 Feb 2021 22:31
Operator : CG/JU
Sample : M1379-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 18 02:16:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 17 23:17:49 2021
Response via : Initial Calibration

Instrument : BNA_P
ClientSampleId : DBGZ1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	56577	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	217474	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	132315	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	270663	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	319959	20.00	ng/ul	0.02
86) Perylene-d12	23.58	264	276926	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	4264	2.91	ng/uL	0.00
5) Phenol-d5	6.95	99	87851	19.35	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.10	67	43697	18.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	70561	20.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	67161	18.80	ng/ul	0.01
19) Nitrobenzene-d5	8.92	128	33170	22.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	38316	23.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	72498	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	13428	3.63	ng/ul	0.01
44) Dimethylphthalate-d6	13.82	166	218634	22.76	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	268326	22.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	26928	16.04	ng/ul	0.02
58) Fluorene-d10	15.41	176	185211	22.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	19570	11.96	ng/ul	0.00
71) Anthracene-d10	17.26	188	286267	23.98	ng/ul	0.00
79) Pyrene-d10	19.51	212	314105	20.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	325586	23.24	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.92	77	13571	5.704	ng/ul	94
6) Phenol	6.96	94	7921	1.673	ng/ul	90
14) Acetophenone	8.59	105	8335	1.418	ng/ul#	94
41) 1,1'-Biphenyl	13.24	154	166449	17.064	ng/ul	99
45) Dimethylphthalate	13.87	163	19751	1.994	ng/ul#	90
48) Acenaphthylene	14.13	152	12719	1.152	ng/ul#	88
70) Phenanthrene	17.21	178	81310	5.639	ng/ul	97
72) Anthracene	17.30	178	24528	1.673	ng/ul	98
75) Carbazole	17.57	167	15753	1.227	ng/ul#	88
76) Di-n-butylphthalate	18.13	149	31322	2.164	ng/ul#	80
77) Fluoranthene	19.19	202	201081	11.610	ng/ul	98
80) Pyrene	19.54	202	175972	9.055	ng/ul	99
83) Benzo(a)anthracene	21.26	228	111402	5.813	ng/ul#	89
84) Bis(2-ethylhexyl)phthalate	21.19	149	23165	2.233	ng/ul#	48
85) Chrysene	21.31	228	115389	6.073	ng/ul#	83
88) Benzo(b)fluoranthene	22.88	252	149422	8.572	ng/ul#	89
89) Benzo(k)fluoranthene	22.92	252	54594m	3.217	ng/ul	
91) Benzo(a)pyrene	23.48	252	85642	5.584	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	25.94	276	65856	3.378	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.96	278	18363m	1.108	ng/ul	
94) Benzo(g,h,i)perylene	26.67	276	59289	3.676	ng/ul#	89

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

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