Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027241.D
Acq On : 26 Aug 2020 10:02
Operator : JU/CG
Sample : L3613-17MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFR5MS

Quant Time: Aug 26 10:36:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 25 15:35:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	166535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	702122	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	487780	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.98	188	1113547	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	1115462	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	882624	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	10694	3.64	ng/uL	0.00
5) Phenol-d5	6.78	99	261937	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	170835	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	201039	19.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	191503	17.66	ng/ul	-0.01
19) Nitrobenzene-d5	8.74	128	102171	18.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	116897	18.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	244882	18.50	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.50	131	205161	14.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	857267	22.15	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	950398	20.77	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.45	143	129009	19.76	ng/ul	0.00
58) Fluorene-d10	15.23	176	717311	21.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	123688	17.03	ng/ul	-0.01
71) Anthracene-d10	17.08	188	1119173	21.17	ng/ul	0.00
79) Pyrene-d10	19.38	212	1427119	22.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	1161727	23.61	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.80	94	306023	21.675	ng/ul	93
10) 2-Chlorophenol	7.16	128	221032	20.808	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	243380	23.272	ng/ul	99
33) 4-Chloro-3-methylphenol	11.66	107	283430	21.093	ng/ul	98
45) Dimethylphthalate	13.70	163	218789	5.447	ng/ul	99
50) Acenaphthene	14.30	153	690022	21.530	ng/ul	99
53) 4-Nitrophenol	14.46	109	155228	25.083	ng/ul	100
55) 2,4-Dinitrotoluene	14.60	165	269964	22.906	ng/ul	100
69) Pentachlorophenol	16.64	266	220244	23.533	ng/ul	98
70) Phenanthrene	17.02	178	106490	1.676	ng/ul	100
77) Fluoranthene	19.04	202	363949	4.780	ng/ul	100
80) Pyrene	19.41	202	2210369	25.688	ng/ul	99
83) Benzo(a)anthracene	21.16	228	144764	1.957	ng/ul	99
85) Chrysene	21.22	228	181778	2.567	ng/ul	98
88) Benzo(b)fluoranthene	22.72	252	223477	3.552	ng/ul#	98
91) Benzo(a)pyrene	23.27	252	112181	2.031	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.53	276	79933	1.257	ng/ul	98
94) Benzo(g,h,i)perylene	26.19	276	75479	1.451	ng/ul	97

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

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