Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026968.D
Acq On : 31 Jul 2020 21:08
Operator : JU/CG
Sample : L3424-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 01:33:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 00:45:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	105584	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	413683	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	253666	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	514398	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	500271	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	506974	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1505	0.65	ng/uL	0.00
5) Phenol-d5	6.84	99	51820	5.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	33923	5.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	39144	5.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	40681	5.72	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	18129	5.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	20169	6.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	41362	5.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	17335	2.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	118265	5.95	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	155040	6.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	14259	4.24	ng/ul	0.00
58) Fluorene-d10	15.29	176	104249	6.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	10789	4.71	ng/ul	0.00
71) Anthracene-d10	17.13	188	162024	6.30	ng/ul	0.00
79) Pyrene-d10	19.43	212	163326	6.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	171204	5.98	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.48	128	54430	2.355	ng/ul#	97
34) 2-Methylnaphthalene	12.10	142	16646	1.019	ng/ul	98
45) Dimethylphthalate	13.75	163	36399	1.744	ng/ul	97
48) Acenaphthylene	14.01	152	391233	15.213	ng/ul	99
50) Acenaphthene	14.35	153	20080	1.133	ng/ul	93
54) Dibenzofuran	14.69	168	54014	2.199	ng/ul	96
59) Fluorene	15.34	166	31018	1.500	ng/ul	94
70) Phenanthrene	17.08	178	355632	11.389	ng/ul	99
72) Anthracene	17.17	178	801567	24.976	ng/ul	99
75) Carbazole	17.43	167	183471	6.467	ng/ul	99
77) Fluoranthene	19.10	202	2841422	77.071	ng/ul	99
80) Pyrene	19.47	202	3934959	108.112	ng/ul	97
83) Benzo(a)anthracene	21.21	228	1894425m	54.940	ng/ul	
85) Chrysene	21.27	228	2875667	85.519	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	7145622	197.028	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	2378837	68.355	ng/ul	98
91) Benzo(a)pyrene	23.35	252	2265480	69.226	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	2377231	58.555	ng/ul	95
93) Dibenzo(a,h)anthracene	25.67	278	612754m	17.846	ng/ul	
94) Benzo(g,h,i)perylene	26.33	276	678323	20.206	ng/ul	98

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

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