Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025660.D
Acq On : 20 Mar 2020 13:59
Operator : CG/JU
Sample : L1972-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG8

Manual Integrations APPROVED
mohammad
3/23/2020 9:41:51 AM

Quant Time: Mar 20 15:08:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 11:44:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	188654	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	795212	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	486600	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1017293	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1068211	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	1289402	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	16324	3.63	ng/uL	0.00
5) Phenol-d5	6.76	99	361769	24.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	206990	24.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	311160	25.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	305326	24.96	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	149793	25.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	160167	25.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	320315	24.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	383789	25.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	939547	25.41	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1171881	26.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	141713	20.13	ng/ul	0.00
58) Fluorene-d10	15.22	176	842408	25.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	96365	15.53	ng/ul	0.00
71) Anthracene-d10	17.06	188	1312924	27.63	ng/ul	0.00
79) Pyrene-d10	19.36	212	1437843	28.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1812373	27.45	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.40	128	47298	1.092	ng/ul#	96
45) Dimethylphthalate	13.68	163	82157	2.134	ng/ul	99
48) Acenaphthylene	13.93	152	850282	17.719	ng/ul	99
50) Acenaphthene	14.28	153	66693	2.044	ng/ul	99
54) Dibenzofuran	14.62	168	48514	1.048	ng/ul	98
59) Fluorene	15.27	166	97820	2.513	ng/ul	99
70) Phenanthrene	17.00	178	1938348	32.371	ng/ul	99
72) Anthracene	17.10	178	694786	11.385	ng/ul	99
75) Carbazole	17.36	167	138417	2.595	ng/ul	99
77) Fluoranthene	19.03	202	6072032	86.028	ng/ul	98
80) Pyrene	19.39	202	5774335	80.487	ng/ul	97
83) Benzo(a)anthracene	21.14	228	4578523m	65.011	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.10	149	75762	1.788	ng/ul	95
85) Chrysene	21.20	228	4101552	59.359	ng/ul	98
88) Benzo(b)fluoranthene	22.69	252	7113733	88.423	ng/ul	98
89) Benzo(k)fluoranthene	22.72	252	2134545m	26.933	ng/ul	
91) Benzo(a)pyrene	23.23	252	5144074	70.261	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.46	276	3681709	38.078	ng/ul	97
93) Dibenzo(a,h)anthracene	25.46	278	963246	11.765	ng/ul#	83
94) Benzo(g,h,i)perylene	26.11	276	2495121	31.311	ng/ul	99

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

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