Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025662.D
Acq On : 20 Mar 2020 15:12
Operator : CG/JU
Sample : L1972-08DL 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH6DL

Manual Integrations APPROVED
mohammad
3/23/2020 9:41:54 AM

Quant Time: Mar 20 16:03:57 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	180091	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	761584	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	467250	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	956871	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	946508	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1065295	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	590	0.14	ng/uL	0.00
5) Phenol-d5	6.76	99	13987	0.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	7895	0.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	12006	1.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	10797	0.92	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	5540	0.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	5184	0.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	11633	0.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	13325	0.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	38202	1.08	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	45348	1.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	3499	0.52	ng/ul	0.00
58) Fluorene-d10	15.21	176	34833	1.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	1508	0.26	ng/ul	0.00
71) Anthracene-d10	17.06	188	57283	1.28	ng/ul	0.00
79) Pyrene-d10	19.36	212	55886	1.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	63458	1.16	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	13.93	152	64077	1.391	ng/ul	98
50) Acenaphthene	14.28	153	129139	4.123	ng/ul	98
54) Dibenzofuran	14.62	168	79246	1.783	ng/ul	97
59) Fluorene	15.27	166	153501	4.107	ng/ul	99
70) Phenanthrene	17.00	178	2582537	45.852	ng/ul	99
72) Anthracene	17.09	178	603899	10.521	ng/ul	100
75) Carbazole	17.36	167	105066	2.094	ng/ul	98
77) Fluoranthene	19.03	202	4289781	64.615	ng/ul	100
80) Pyrene	19.39	202	3355003	52.778	ng/ul	99
83) Benzo(a)anthracene	21.14	228	1639830	26.278	ng/ul	97
85) Chrysene	21.19	228	1393949	22.768	ng/ul	97
88) Benzo(b)fluoranthene	22.68	252	2015773	30.327	ng/ul	98
89) Benzo(k)fluoranthene	22.72	252	662278m	10.114	ng/ul	
91) Benzo(a)pyrene	23.22	252	1416095	23.411	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.44	276	1026679	12.852	ng/ul	96
93) Dibenzo(a,h)anthracene	25.44	278	260823m	3.856	ng/ul	
94) Benzo(g,h,i)perylene	26.09	276	715943	10.874	ng/ul	99

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

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