Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025749.D
Acq On : 25 Mar 2020 03:56
Operator : CG/JU
Sample : L1938-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB722

Manual Integrations APPROVED
mohammad
3/27/2020 8:14:04 AM

Quant Time: Mar 25 06:04:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 24 23:08:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	246835	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	1004320	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.21	164	624626	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1323808	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1400733	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1619578	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	35194	5.98	ng/uL	0.00
5) Phenol-d5	6.75	99	672374	34.51	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	389003	34.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	569101	35.99	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	523291	32.69	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	286909	38.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	315393	39.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	577945	35.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	716792	38.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	1750400	36.87	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	2159993	37.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	292033	32.31	ng/ul	0.00
58) Fluorene-d10	15.21	176	1545814	37.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	241681	29.92	ng/ul	-0.01
71) Anthracene-d10	17.05	188	2298264	37.17	ng/ul	0.00
79) Pyrene-d10	19.35	212	2530340	37.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	3152501	38.02	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.39	128	56947	1.041	ng/ul	98
45) Dimethylphthalate	13.67	163	252487	5.109	ng/ul	99
70) Phenanthrene	17.00	178	492101	6.315	ng/ul	99
72) Anthracene	17.09	178	112683	1.419	ng/ul	97
77) Fluoranthene	19.02	202	728528	7.932	ng/ul	98
80) Pyrene	19.38	202	613583	6.522	ng/ul	100
83) Benzo(a)anthracene	21.13	228	383772	4.156	ng/ul	97
85) Chrysene	21.18	228	366711	4.047	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	525013	5.195	ng/ul	97
89) Benzo(k)fluoranthene	22.70	252	178049m	1.789	ng/ul	
91) Benzo(a)pyrene	23.20	252	337542	3.670	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.41	276	244735	2.015	ng/ul	96
94) Benzo(g,h,i)perylene	26.06	276	180928	1.808	ng/ul	97

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

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