Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025765.D
Acq On : 25 Mar 2020 13:32
Operator : CG/JU
Sample : L1938-15
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Mar 25 16:36:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 25 07:24:39 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : CB789

Manual Integrations APPROVED
mohammad
3/27/2020 8:14:52 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	184795	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	761142	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.20	164	476932	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	1012827	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1093792	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1234650	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	27968	6.35	ng/uL	0.00
5) Phenol-d5	6.75	99	503405	34.52	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	294618	35.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	429790	36.31	ng/ul	-0.01
13) 4-Methylphenol-d8	8.28	113	420474	35.09	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	215428	38.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	231326	38.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	438277	35.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	572196	40.07	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1334938	36.83	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1648827	37.97	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.41	143	226039	32.75	ng/ul	-0.01
58) Fluorene-d10	15.20	176	1185690	37.27	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	176678	28.59	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1727992	36.53	ng/ul	0.00
79) Pyrene-d10	19.35	212	1947841	37.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2448939	38.74	ng/ul	-0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.73	77	9104	1.179	ng/ul	92
45) Dimethylphthalate	13.67	163	61140	1.620	ng/ul	97
70) Phenanthrene	16.99	178	271991	4.562	ng/ul	99
77) Fluoranthene	19.02	202	577245	8.214	ng/ul	98
80) Pyrene	19.38	202	522404	7.111	ng/ul	99
83) Benzo(a)anthracene	21.13	228	301702	4.184	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.09	149	129542	2.985	ng/ul	98
85) Chrysene	21.18	228	318556	4.502	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	539874	7.008	ng/ul	96
89) Benzo(k)fluoranthene	22.70	252	152380m	2.008	ng/ul	
91) Benzo(a)pyrene	23.20	252	322966	4.607	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.42	276	295727	3.194	ng/ul	97
94) Benzo(g,h,i)perylene	26.06	276	201896	2.646	ng/ul	99

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

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