Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026162.D
Acq On : 28 May 2020 18:36
Operator : MA/SJ
Sample : L2785-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB7D5

Manual Integrations APPROVED
mohammad
5/29/2020 10:29:55 PM

Quant Time: May 28 19:12:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 28 11:12:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	142406	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	587604	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	340281	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	713910	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	789045	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	853063	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	18434	3.90	ng/uL	0.00
5) Phenol-d5	6.67	99	342291	26.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	240020	26.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	257607	25.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	256798	26.38	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	125606	26.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	129211	27.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	240950	25.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	316037	32.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	706039	25.87	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	856569	26.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	100199	20.74	ng/ul	0.00
58) Fluorene-d10	15.13	176	628101	26.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	76076	18.28	ng/ul	0.00
71) Anthracene-d10	16.97	188	932640	26.51	ng/ul	0.00
79) Pyrene-d10	19.27	212	1091300	26.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1261100	27.77	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.65	77	8534	1.015	ng/ul	93
70) Phenanthrene	16.92	178	432420	9.616	ng/ul	99
72) Anthracene	17.00	178	85111	1.886	ng/ul	99
77) Fluoranthene	18.94	202	598545	12.689	ng/ul	99
80) Pyrene	19.30	202	520154	9.390	ng/ul	96
83) Benzo(a)anthracene	21.06	228	310963	5.718	ng/ul	99
85) Chrysene	21.11	228	287634	5.321	ng/ul	97
88) Benzo(b)fluoranthene	22.57	252	346181	6.000	ng/ul	97
89) Benzo(k)fluoranthene	22.60	252	140358m	2.435	ng/ul	
91) Benzo(a)pyrene	23.10	252	234782	4.624	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	146529	2.223	ng/ul#	93
94) Benzo(g,h,i)perylene	25.89	276	89630	1.629	ng/ul	98

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

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