Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027076.D
Acq On : 14 Aug 2020 01:31
Operator : JU/CG
Sample : L3630-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFML2

Manual Integrations APPROVED

Quant Time: Aug 14 04:12:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 03:16:58 2020
Response via : Initial Calibration

Sohil

8/14/2020 2:54:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	144001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	540556	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	339060	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	701079	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	699450	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	705262	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	11025	3.48	ng/uL	0.00
5) Phenol-d5	6.82	99	287005	25.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	192006	25.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	224620	25.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	218531	25.03	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	107494	25.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	120254	27.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	251000	26.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	249291	22.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	739943	27.37	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	913428	28.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	110541	24.22	ng/ul	0.00
58) Fluorene-d10	15.27	176	630204	26.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	78306	20.45	ng/ul	0.00
71) Anthracene-d10	17.12	188	965771	27.96	ng/ul	0.00
79) Pyrene-d10	19.42	212	1072221	30.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1169923	29.72	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.73	163	273752	9.661	ng/ul	99
48) Acenaphthylene	13.99	152	206604	6.308	ng/ul	98
59) Fluorene	15.33	166	43712	1.572	ng/ul	99
70) Phenanthrene	17.06	178	1568819	37.326	ng/ul	100
72) Anthracene	17.15	178	125101	2.925	ng/ul	99
75) Carbazole	17.42	167	43603	1.208	ng/ul	99
77) Fluoranthene	19.08	202	2258095	44.305	ng/ul	100
80) Pyrene	19.44	202	2724750	57.391	ng/ul	98
83) Benzo(a)anthracene	21.20	228	704801m	14.968	ng/ul	
85) Chrysene	21.24	228	1088970	23.561	ng/ul	99
88) Benzo(b)fluoranthene	22.76	252	1279994	26.137	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	338264m	6.969	ng/ul	
91) Benzo(a)pyrene	23.32	252	806743	18.101	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.61	276	651339	11.342	ng/ul	97
93) Dibenzo(a,h)anthracene	25.62	278	142196	2.923	ng/ul#	87
94) Benzo(g,h,i)perylene	26.27	276	540051	11.385	ng/ul	98

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

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