Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022121\
Data File : BM028852.D
Acq On : 20 Feb 2021 20:47
Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBGY3

Manual Integrations APPROVED
mohammad
2/22/2021 2:13:05 PM

Quant Time: Feb 22 01:20:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 00:39:12 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	29873	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	120237	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	66402	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	122476	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	93824	20.00	ng/ul	0.00
86) Perylene-d12	23.62	264	90473	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	1982	3.16	ng/uL	0.00
5) Phenol-d5	7.02	99	46174	20.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	26835	20.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	40723	20.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	37142	19.45	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	19085	22.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	22648	23.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	39751	21.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	11255	5.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	111342	23.26	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	143722	23.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.73	143	14419	17.40	ng/ul	0.00
58) Fluorene-d10	15.48	176	92050	22.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.63	200	13073	17.45	ng/ul	0.00
71) Anthracene-d10	17.33	188	128269	23.00	ng/ul	0.00
79) Pyrene-d10	19.62	212	120220	25.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.48	264	108070	23.18	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.97	77	4581m	4.232	ng/ul	
6) Phenol	7.04	94	2918	1.242	ng/ul	93
45) Dimethylphthalate	13.95	163	60348	12.228	ng/ul	100
48) Acenaphthylene	14.21	152	6391	1.105	ng/ul	99
72) Anthracene	17.36	178	9361m	1.336	ng/ul	
76) Di-n-butylphthalate	18.19	149	9053	1.107	ng/ul	99
77) Fluoranthene	19.28	202	27363	3.597	ng/ul	98
80) Pyrene	19.64	202	40397	6.391	ng/ul	99
83) Benzo(a)anthracene	21.38	228	16191	2.775	ng/ul#	89
85) Chrysene	21.43	228	26064	4.617	ng/ul#	94
88) Benzo(b)fluoranthene	22.96	252	56389	9.504	ng/ul	97
89) Benzo(k)fluoranthene	22.99	252	13628m	2.353	ng/ul	
91) Benzo(a)pyrene	23.53	252	24074	4.706	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.86	276	21173	3.616	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.86	278	6266	1.253	ng/ul#	83
94) Benzo(g,h,i)perylene	26.55	276	14056	2.960	ng/ul#	85

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

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