Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023353.D
Acq On : 23 Oct 2019 21:59
Operator : JU
Sample : K5378-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0008

Manual Integrations APPROVED
mohammad
10/24/2019 5:02:56 PM

Quant Time: Oct 24 04:08:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	645211	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2930156	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1896403	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3660580	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	2719258	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2683840	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	43541	3.21	ng/uL	0.00
5) Phenol-d5	6.82	99	898925	16.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	619235	19.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	796495	18.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	590888	13.42	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	442268	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	496901	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	882473	18.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	520216	9.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2961452	20.56	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	3372786	20.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	224152	8.98	ng/ul	0.00
58) Fluorene-d10	15.28	176	2497269	20.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	360988	15.84	ng/ul	0.00
71) Anthracene-d10	17.13	188	3775454	21.82	ng/ul	0.00
79) Pyrene-d10	19.43	212	3863818	25.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	3195576	23.37	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	119619	2.144	ng/ul	94
16) 4-Methylphenol	8.41	108	51456	1.100	ng/ul	97
28) Naphthalene	10.47	128	183436	1.221	ng/ul	96
34) 2-Methylnaphthalene	12.09	142	238221	2.077	ng/ul	95
45) Dimethylphthalate	13.75	163	1083475	7.493	ng/ul	99
70) Phenanthrene	17.07	178	1543927	7.547	ng/ul	100
77) Fluoranthene	19.09	202	1896215	8.887	ng/ul	99
80) Pyrene	19.46	202	1542874	8.035	ng/ul	99
83) Benzo(a)anthracene	21.21	228	708697	3.897	ng/ul	94
85) Chrysene	21.26	228	820520	4.890	ng/ul	96
88) Benzo(b)fluoranthene	22.77	252	873801	5.069	ng/ul	97
89) Benzo(k)fluoranthene	22.81	252	250399m	1.547	ng/ul	
91) Benzo(a)pyrene	23.33	252	542177	3.474	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.62	276	384946	2.278	ng/ul	97
94) Benzo(g,h,i)perylene	26.29	276	340222	2.475	ng/ul	98

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

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