Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024735.D
Acq On : 06 Feb 2020 19:38
Operator : CG/JU
Sample : L1398-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6D5

Manual Integrations APPROVED
mohammad
2/10/2020 8:21:43 AM

Quant Time: Feb 06 21:22:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 16:50:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	211567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	833519	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	582015	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1335389	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1474123	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1684529	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	19537	4.44	ng/uL	0.00
5) Phenol-d5	6.60	99	319410	22.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	193165	24.33	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	297981	23.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	266981	22.51	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	148383	24.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	176030	24.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	323261	22.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	386823	28.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1131474	25.75	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1289341	25.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	145911	20.44	ng/ul	0.00
58) Fluorene-d10	15.07	176	993835	25.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	182824	21.00	ng/ul	0.00
71) Anthracene-d10	16.92	188	1584297	25.99	ng/ul	0.00
79) Pyrene-d10	19.22	212	2000601	27.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2339367	27.65	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	75186	1.765	ng/ul	98
34) 2-Methylnaphthalene	11.85	142	32742	1.044	ng/ul	91
50) Acenaphthene	14.13	153	58633	1.634	ng/ul	96
54) Dibenzofuran	14.47	168	73469	1.373	ng/ul	95
59) Fluorene	15.12	166	62862	1.426	ng/ul	99
70) Phenanthrene	16.86	178	945631	12.987	ng/ul	99
72) Anthracene	16.94	178	194123	2.629	ng/ul	99
75) Carbazole	17.23	167	72696	1.182	ng/ul	97
77) Fluoranthene	18.89	202	1224140	13.695	ng/ul	99
80) Pyrene	19.25	202	1049170	10.752	ng/ul	99
83) Benzo(a)anthracene	21.01	228	597662	6.019	ng/ul	99
85) Chrysene	21.06	228	584012	5.974	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	725572	6.774	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	255009m	2.473	ng/ul	
91) Benzo(a)pyrene	23.04	252	487524	5.077	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	324236	2.712	ng/ul	97
94) Benzo(g,h,i)perylene	25.81	276	299540	3.012	ng/ul	98

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

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