Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025588.D
Acq On : 16 Mar 2020 19:56
Operator : CG/JU
Sample : L1921-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0AG6

Manual Integrations APPROVED
mohammad
3/17/2020 3:10:18 PM

Quant Time: Mar 17 01:44:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 17 01:28:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	9877	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	41921	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	25613	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	53327	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	55261	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	65753	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	13583	57.70	ng/uL	0.00
5) Phenol-d5	6.82	99	266833	342.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	166108	373.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	227080	358.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	216342	337.77	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	114439	367.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	119557	360.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	225511	332.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	301278	383.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	751786	386.21	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	878690	376.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	113659	306.67	ng/ul	0.00
58) Fluorene-d10	15.26	176	648933	379.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	94240	289.65	ng/ul	0.00
71) Anthracene-d10	17.11	188	990820	397.79	ng/ul	0.00
79) Pyrene-d10	19.41	212	1156290	435.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	1415614	420.51	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.79	77	16665	40.364	ng/ul	93
6) Phenol	6.84	94	10000	12.285	ng/ul#	87
14) Acetophenone	8.46	105	13552	13.717	ng/ul	88
45) Dimethylphthalate	13.73	163	307165	151.589	ng/ul	99
70) Phenanthrene	17.05	178	4670	1.488	ng/ul	95
76) Di-n-butylphthalate	18.00	149	4943	1.514	ng/ul#	94
77) Fluoranthene	19.07	202	18433	4.982	ng/ul#	90
80) Pyrene	19.43	202	24005	6.468	ng/ul#	93
83) Benzo(a)anthracene	21.19	228	12425m	3.410	ng/ul	
85) Chrysene	21.24	228	17024	4.763	ng/ul	97
88) Benzo(b)fluoranthene	22.73	252	30801	7.508	ng/ul#	96
89) Benzo(k)fluoranthene	22.77	252	10595m	2.622	ng/ul	
91) Benzo(a)pyrene	23.29	252	21202	5.679	ng/ul#	81
92) Indeno(1,2,3-cd)pyrene	25.53	276	19264	3.907	ng/ul	97
94) Benzo(g,h,i)perylene	26.19	276	18161	4.469	ng/ul	96

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

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