Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009881.D
Acq On : 25 Feb 2020 01:52
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 25 03:40:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 02:39:29 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C5AT6

Manual Integrations APPROVED
mohammad
2/25/2020 3:40:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	127331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	503013	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	332257	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.82	188	644228	20.00	ng/ul	0.04
78) Chrysene-d12	21.02	240	590526m	20.00	ng/ul	0.01
86) Perylene-d12	23.12	264	557027	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	7939	2.56	ng/uL	0.01
5) Phenol-d5	6.59	99	170543	15.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	128123	17.14	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	146581	17.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	84640	9.82	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	70683	19.21	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	75943	18.86	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.78	165	141112	18.23	ng/ul	0.01
29) 4-Chloroaniline-d4	10.32	131	17371	2.00	ng/ul	0.04
44) Dimethylphthalate-d6	13.46	166	436291	17.58	ng/ul	0.01
47) Acenaphthylene-d8	13.73	160	502529	17.19	ng/ul	0.02
52) 4-Nitrophenol-d4	14.28	143	111075	24.51	ng/ul	0.01
58) Fluorene-d10	15.05	176	373430	17.43	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.21	200	71886	17.96	ng/ul	0.02
71) Anthracene-d10	16.92	188	551460	18.67	ng/ul	0.04
79) Pyrene-d10	19.22	212	571434m	18.51	ng/ul	0.02
90) Benzo(a)pyrene-d12	22.99	264	523372	18.81	ng/ul	0.02
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.35	107	202679	20.722	ng/ul#	34
45) Dimethylphthalate	13.50	163	73076	2.822	ng/ul#	60
48) Acenaphthylene	13.78	152	187317	5.921	ng/ul#	1
56) 2,3,4,6-Tetrachlorophenol	14.69	232	582746	101.077	ng/ul#	85
69) Pentachlorophenol	16.52	266	14657926	3555.866	ng/ul	91
70) Phenanthrene	16.85	178	70224	1.910	ng/ul#	1
72) Anthracene	16.95	178	115066	3.061	ng/ul#	23
77) Fluoranthene	18.88	202	321332	7.461	ng/ul#	90
80) Pyrene	19.25	202	3180794	74.712	ng/ul	96
83) Benzo(a)anthracene	21.00	228	96479m	2.377	ng/ul	
84) Bis(2-ethylhexyl)phthalate	20.96	149	38465m	1.440	ng/ul	
85) Chrysene	21.03	228	272478m	6.820	ng/ul	
88) Benzo(b)fluoranthene	22.50	252	113558	3.144	ng/ul#	62
91) Benzo(a)pyrene	23.03	252	35577	1.095	ng/ul#	30

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

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