Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024828.D
Acq On : 11 Feb 2020 03:05
Operator : CG/JU
Sample : L1424-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5B29

Manual Integrations APPROVED
mohammad
2/13/2020 10:29:17 AM

Quant Time: Feb 11 12:01:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	270960	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1024932	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	695520	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1332114	20.00	ng/ul	0.01
78) Chrysene-d12	21.02	240	1350376	20.00	ng/ul	-0.01
86) Perylene-d12	23.12	264	1425947	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	26905	4.78	ng/uL	0.00
5) Phenol-d5	6.60	99	139366	7.74	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	352543	34.68	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.94	132	451997	28.03	ng/ul	-0.01
13) 4-Methylphenol-d8	8.12	113	274124	18.05	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	300830	40.59	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	315683	36.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	560230	31.71	ng/ul	-0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.49	166	1846538	35.17	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	2195477	35.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	80946	9.49	ng/ul	0.00
58) Fluorene-d10	15.06	176	1642210	35.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	286365m	32.98	ng/ul	0.00
71) Anthracene-d10	16.92	188	2448100	40.26	ng/ul	0.00
79) Pyrene-d10	19.22	212	2633531	38.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2915250	40.71	ng/ul	-0.01
Target Compounds						Qvalue
10) 2-Chlorophenol	6.97	128	17776	1.081	ng/ul	94
16) 4-Methylphenol	8.18	108	23896	1.505	ng/ul	96
27) 2,4-Dichlorophenol	9.82	162	77549m	4.445	ng/ul	
28) Naphthalene	10.22	128	16651767	317.977	ng/ul	95
34) 2-Methylnaphthalene	11.84	142	6489566	168.231	ng/ul	100
39) 2,4,6-Trichlorophenol	12.47	196	56040	3.702	ng/ul	92
40) 2,4,5-Trichlorophenol	12.54	196	766352	48.432	ng/ul	98
41) 1,1'-Biphenyl	12.88	154	1319349	25.696	ng/ul	99
45) Dimethylphthalate	13.53	163	69772	1.274	ng/ul#	82
50) Acenaphthene	14.12	153	633445	14.769	ng/ul	98
54) Dibenzofuran	14.46	168	613226	9.592	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.70	232	1598599	103.391	ng/ul#	99
59) Fluorene	15.12	166	954147	18.108	ng/ul#	94
69) Pentachlorophenol	16.51	266	32298393m	2736.193	ng/ul	
70) Phenanthrene	16.87	178	3221694	44.356	ng/ul	98
72) Anthracene	16.95	178	311297m	4.226	ng/ul	
77) Fluoranthene	18.89	202	207321	2.325	ng/ul#	94
80) Pyrene	19.24	202	318581	3.564	ng/ul#	97

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

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