Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021533.D
Acq On : 18 Jul 2019 20:57
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-070219

Manual Integrations APPROVED
mohammad
7/25/2019 10:04:50 AM

Quant Time: Jul 19 02:15:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 00:39:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	138743	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	557242	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	340868	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	783232	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	795085	20.00	ng/ul	0.00
85) Perylene-d12	23.56	264	923038	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	18466	6.56	ng/uL	0.00
5) Phenol-d5	6.89	99	96622	8.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	222385	34.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	273612	29.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	180556	21.01	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	211011	45.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	186705	35.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	354424	34.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	89835	9.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1135038	38.02	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1269353	33.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	35712	7.55	ng/ul	0.01
57) Fluorene-d10	15.36	176	997779	37.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	175688	33.37	ng/ul	0.00
70) Anthracene-d10	17.22	188	1579876	38.83	ng/ul	0.00
78) Pyrene-d10	19.51	212	1801088	41.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.41	264	2066499	38.93	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	16644	1.612	ng/ul#	1
14) Acetophenone	8.55	105	20257	1.565	ng/ul#	91
16) 4-Methylphenol	8.49	108	49923	5.985	ng/ul	93
28) Naphthalene	10.56	128	34027053m	1173.335	ng/ul	
34) 2-Methylnaphthalene	12.19	142	11829125	553.368	ng/ul	98
40) 1,1'-Biphenyl	13.19	154	2302927	80.721	ng/ul	100
44) Dimethylphthalate	13.83	163	101439	3.649	ng/ul	99
47) Acenaphthylene	14.08	152	395728	12.135	ng/ul	97
49) Acenaphthene	14.43	153	5014499	211.615	ng/ul	99
53) Dibenzofuran	14.77	168	4840508	141.013	ng/ul	100
58) Fluorene	15.42	166	3141978	113.137	ng/ul	99
69) Phenanthrene	17.16	178	4163509	94.275	ng/ul	99
71) Anthracene	17.24	178	261115m	5.809	ng/ul	
74) Carbazole	17.53	167	1017757	27.279	ng/ul	100
76) Fluoranthene	19.17	202	1112234	21.209	ng/ul	99
79) Pyrene	19.54	202	668411	12.702	ng/ul	99
82) Benzo(a)anthracene	21.29	228	86240	1.584	ng/ul	97
84) Chrysene	21.34	228	52727m	1.030	ng/ul	

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

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