

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051819\
 Data File : BM020417.D
 Acq On : 19 May 2019 02:17
 Operator : JU/SJ
 Sample : K2633-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJ96

Manual Integrations
 APPROVED

mohammad
 5/20/2019 2:48:30 PM

Quant Time: May 20 10:45:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 05:13:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	129635	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	464532	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.40	164	345337	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.17	188	480842	20.00	ng/ul	0.04
77) Chrysene-d12	21.35	240	503869	20.00	ng/ul	0.03
85) Perylene-d12	23.63	264	613900m	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	12359	3.52	ng/uL	0.00
5) Phenol-d5	6.91	99	231169	22.35	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	158895	24.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	182440	24.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	98655	13.10	ng/ul	0.01
19) Nitrobenzene-d5	8.91	128	89062	29.47	ng/ul	0.01
22) 2-Nitrophenol-d4	9.63	143	99282	29.78	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.16	165	185077	26.26	ng/ul	0.01
29) 4-Chloroaniline-d4	10.69	131	44442	6.10	ng/ul	0.02
43) Dimethylphthalate-d6	13.82	166	543073	21.86	ng/ul	0.03
46) Acenaphthylene-d8	14.11	160	636376	20.48	ng/ul	0.04
51) 4-Nitrophenol-d4	14.63	143	68262	18.92	ng/ul	0.04
57) Fluorene-d10	15.40	176	432516	19.57	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	15.58	200	25472m	9.30	ng/ul	0.07
70) Anthracene-d10	17.27	188	574285	27.85	ng/ul	0.04
78) Pyrene-d10	19.56	212	663180	27.32	ng/ul	0.04
89) Benzo(a)pyrene-d12	23.49	264	738060m	26.46	ng/ul	0.04

Target Compounds

					Qvalue	
6) Phenol	6.93	94	20945	1.925	ng/ul	99
28) Naphthalene	10.59	128	1324861	62.076	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	22800336	1475.467	ng/ul	90
40) 1,1'-Biphenyl	13.23	154	4701523	190.170	ng/ul	100
44) Dimethylphthalate	13.87	163	149467	6.081	ng/ul	99
47) Acenaphthylene	14.15	152	13210409	450.753	ng/ul#	94
49) Acenaphthene	14.47	153	1537169	76.294	ng/ul	96
53) Dibenzofuran	14.80	168	1779640	58.328	ng/ul	96
58) Fluorene	15.48	166	8580311	351.047	ng/ul#	95
69) Phenanthrene	17.22	178	29835438m	1302.238	ng/ul	
71) Anthracene	17.30	178	3175124	136.240	ng/ul	99
74) Carbazole	17.57	167	63066	3.188	ng/ul#	71
76) Fluoranthene	19.23	202	8108459	280.172	ng/ul	98
79) Pyrene	19.60	202	12449329m	411.640	ng/ul	
82) Benzo(a)anthracene	21.33	228	4516968m	148.943	ng/ul	
84) Chrysene	21.39	228	4153736	143.322	ng/ul	96
87) Benzo(b)fluoranthene	22.95	252	2345795m	66.952	ng/ul	
88) Benzo(k)fluoranthene	22.97	252	810591m	23.554	ng/ul	
90) Benzo(a)pyrene	23.54	252	1442304m	43.742	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.96	276	935659m	24.904	ng/ul	
92) Dibenz(a,h)anthracene	25.96	278	421390m	13.115	ng/ul	
93) Benzo(g,h,i)perylene	26.69	276	704713m	22.659	ng/ul	

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

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