

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023213.D
 Acq On : 17 Oct 2019 09:50
 Operator : JU
 Sample : K5262-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFBB0

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:27:51 AM

Quant Time: Oct 17 14:10:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 12:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	442917	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1717661	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	983558	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1834430	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1829634	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2248216	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	31136	3.09	ng/uL	0.00
5) Phenol-d5	6.83	99	535639	13.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	335159	15.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	455239	15.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	434743	14.03	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	210727	18.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	229245	20.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	442185	15.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	303594	8.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1295252	17.18	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1520966	17.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	111198	9.11	ng/ul	0.00
58) Fluorene-d10	15.30	176	1074086	16.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	79344	10.91	ng/ul	0.00
71) Anthracene-d10	17.15	188	1602096	18.11	ng/ul	0.00
79) Pyrene-d10	19.45	212	1675012	18.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2054722	18.03	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.86	94	93862	2.359	ng/ul 100
28) Naphthalene	10.49	128	304064	3.425	ng/ul 98
34) 2-Methylnaphthalene	12.12	142	111859	1.693	ng/ul 99
45) Dimethylphthalate	13.77	163	380950	5.050	ng/ul 100
48) Acenaphthylene	14.03	152	372383	4.120	ng/ul 100
50) Acenaphthene	14.37	153	410219	6.518	ng/ul 98
54) Dibenzofuran	14.71	168	463683	5.189	ng/ul 100
59) Fluorene	15.36	166	452210	6.169	ng/ul 98
70) Phenanthrene	17.10	178	3114332	30.251	ng/ul 99
72) Anthracene	17.19	178	751046	7.060	ng/ul 99
75) Carbazole	17.45	167	335700	3.532	ng/ul 99
76) Di-n-butylphthalate	18.04	149	127087	1.124	ng/ul# 94
77) Fluoranthene	19.12	202	5653833	46.178	ng/ul 100
80) Pyrene	19.48	202	5075314	44.280	ng/ul 100
81) Butylbenzylphthalate	20.40	149	53327	1.338	ng/ul# 97
83) Benzo(a)anthracene	21.23	228	3242996	26.159	ng/ul 93
84) Bis(2-ethylhexyl)phthalate	21.19	149	875856	13.817	ng/ul 100
85) Chrysene	21.29	228	3245835	28.197	ng/ul 97
87) Di-n-octyl phthalate	22.07	149	285875	2.465	ng/ul 100
88) Benzo(b)fluoranthene	22.80	252	5233375	38.393	ng/ul 98
89) Benzo(k)fluoranthene	22.84	252	1711104m	13.073	ng/ul
91) Benzo(a)pyrene	23.37	252	3958868	30.272	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.69	276	3165736	20.348	ng/ul 97

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93) Dibenzo(a,h)anthracene	25.69	278	889841	6.841	ng/ul#	93
94) Benzo(g,h,i)perylene	26.37	276	3082733	24.066	ng/ul	98

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

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