

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BM102517\
 Data File : BM012440.D
 Acq On : 25 Oct 2017 11:51
 Operator : SJ/JU
 Sample : I5693-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-32(2-4)-100417

Manual Integrations
 APPROVED

Sohil
 6/27/2018 2:47:44 PM

Quant Time: Jun 25 01:25:45 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 01:09:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	568615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2444348	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1593713	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3841211	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	3864051	20.00	ng/ul	0.01
83) Perylene-d12	23.73	264	3256965	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	52385	4.71	ng/uL	0.00
5) Phenol-d5	7.05	99	1318611	27.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	802814	28.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	1040079	29.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	1078646	26.57	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	516428	33.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	607070	38.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	1205098	28.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	643244	14.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	3875568	27.84	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	4842275	29.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	462739	22.36	ng/ul	0.01
57) Fluorene-d10	15.50	176	3404709	28.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	386893	20.81	ng/ul	0.01
70) Anthracene-d10	17.35	188	5501254	30.05	ng/ul	0.00
76) Pyrene-d10	19.64	212	6255664	35.29	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.59	264	4565861	29.51	ng/ul	0.02

Target Compounds

				Ovalue	
6) Phenol	7.07	94	202987	4.104	ng/ul# 89
11) 2-Methylphenol	8.32	108	58456	1.568	ng/ul 99
14) Acetophenone	8.69	105	271490	4.256	ng/ul# 82
28) Naphthalene	10.72	128	989938	8.168	ng/ul 100
34) 2-Methylnaphthalene	12.33	142	428235	4.351	ng/ul 98
44) Dimethylphthalate	13.96	163	1577461m	11.454	ng/ul
47) Acenaphthylene	14.23	152	380842	2.423	ng/ul 97
60) 4-Nitroaniline	15.57	138	45634	1.775	ng/ul# 94
69) Phenanthrene	17.29	178	2954882	14.225	ng/ul 99
71) Anthracene	17.38	178	863803	4.023	ng/ul 98
73) Di-n-butylphthalate	18.22	149	2635629	11.621	ng/ul 98
74) Fluoranthene	19.30	202	8499821	36.111	ng/ul# 92
77) Pyrene	19.67	202	12677502	57.694	ng/ul# 87
80) Benzo(a)anthracene	21.41	228	7712047	33.330	ng/ul 94
82) Chrysene	21.46	228	8629805	41.948	ng/ul 96
85) Benzo(b)fluoranthene	23.04	252	12800459	63.578	ng/ul# 97
86) Benzo(k)fluoranthene	23.09	252	3629924m	19.156	ng/ul
88) Benzo(a)pyrene	23.64	252	10312452	53.722	ng/ul# 98
89) Indeno(1,2,3-cd)pyrene	26.09	276	7292609	32.279	ng/ul 98
90) Dibenzo(a,h)anthracene	26.09	278	1839948	9.606	ng/ul# 92
91) Benzo(a,h,i)perylene	26.81	276	6183296	33.770	ng/ul# 96

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

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