

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013948.D
 Acq On : 29 Jan 2018 06:35
 Operator : SJ/JU
 Sample : J1243-12 20X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B35

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:08:58 PM

Quant Time: Jan 29 07:21:05 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	205575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	736607	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.23	164	595036	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	782223	20.00	ng/ul	0.02
75) Chrysene-d12	21.20	240	858239	20.00	ng/ul	0.01
83) Perylene-d12	23.38	264	858024	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	15717	3.02	ng/uL	0.00
5) Phenol-d5	6.76	99	356480	22.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	235752	24.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	318086	24.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	295203	24.33	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	158268	27.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	168338	27.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	306090	26.23	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	237356	23.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	815546	16.63	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1002040	16.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	78688	9.87	ng/ul	0.01
57) Fluorene-d10	15.24	176	655312	15.19	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.42	200	65748	13.96	ng/ul	0.04
70) Anthracene-d10	17.12	188	992188	26.04	ng/ul	0.04
76) Pyrene-d10	19.40	212	1132987	28.35	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.24	264	1065887	27.03	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.79	94	61736	3.900	ng/ul	92
28) Naphthalene	10.41	128	34219260m	933.777	ng/ul	
34) 2-Methylnaphthalene	12.04	142	25431531m	930.808	ng/ul	
40) 1,1'-Biphenyl	13.06	154	8160076	164.748	ng/ul	99
44) Dimethylphthalate	13.70	163	230531	4.781	ng/ul	99
47) Acenaphthylene	13.96	152	326667	5.709	ng/ul#	71
49) Acenaphthene	14.32	153	20518049m	517.756	ng/ul	
53) Dibenzofuran	14.65	168	19478940m	326.736	ng/ul	
58) Fluorene	15.30	166	17909743m	366.739	ng/ul	
68) Pentachlorophenol	16.67	266	835568	158.114	ng/ul	98
69) Phenanthrene	17.04	178	36661706m	843.174	ng/ul	
71) Anthracene	17.15	178	14076621	313.874	ng/ul#	82
72) Carbazole	17.41	167	3814765	103.046	ng/ul	99
74) Fluoranthene	19.07	202	26915593m	518.585	ng/ul	
77) Pyrene	19.43	202	22233799m	426.140	ng/ul	
80) Benzo(a)anthracene	21.19	228	6407868	123.563	ng/ul	99
82) Chrysene	21.23	228	4689400	98.570	ng/ul	98
85) Benzo(b)fluoranthene	22.73	252	3007102	57.068	ng/ul#	99
86) Benzo(k)fluoranthene	22.77	252	875948m	17.198	ng/ul	
88) Benzo(a)pyrene	23.29	252	1676087	33.671	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.56	276	496217	8.445	ng/ul	98
90) Dibenzo(a,h)anthracene	25.56	278	146080	2.944	ng/ul#	95
91) Benzo(g,h,i)perylene	26.23	276	302915	6.264	ng/ul#	94

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

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