

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 19 12:44:31 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	238549	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1044910m	20.00	ng/ul	0.04
35) Acenaphthene-d10	14.33	164	697169	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.13	188	1274002	20.00	ng/ul	0.06
75) Chrysene-d12	21.28	240	1000758m	20.00	ng/ul	0.02
83) Perylene-d12	23.50	264	828051	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	24560	5.10	ng/uL	0.00
5) Phenol-d5	6.85	99	674238	32.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	394272	33.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	552552	34.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	583521	33.09	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	312194	37.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	324578	36.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	600637	32.87	ng/ul	0.02
29) 4-Chloroaniline-d4	10.60	131	1082296m	64.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1847242	29.78	ng/ul	0.02
46) Acenaphthylene-d8	14.02	160	2318495	30.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	311272	28.88	ng/ul	0.02
57) Fluorene-d10	15.33	176	1585657	29.72	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.49	200	4771	0.60	ng/ul	0.04
70) Anthracene-d10	17.23	188	2481714m	38.90	ng/ul	0.06
76) Pyrene-d10	19.49	212	2393906	48.01	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.36	264	1671313	39.62	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	6.88	94	24232	1.188	ng/ul#	92
24) 2,4-Dimethylphenol	9.65	107	62962	3.140	ng/ul	96
28) Naphthalene	10.51	128	55640835m	1034.997	ng/ul	
34) 2-Methylnaphthalene	12.14	142	28110482m	695.592	ng/ul	
40) 1,1'-Biphenyl	13.16	154	11452969	194.378	ng/ul	99
44) Dimethylphthalate	13.80	163	275888	4.649	ng/ul	98
47) Acenaphthylene	14.05	152	5500811	77.642	ng/ul#	95
49) Acenaphthene	14.40	153	27836036m	576.761	ng/ul	
53) Dibenzofuran	14.73	168	25748885m	361.394	ng/ul	
58) Fluorene	15.39	166	30181934m	512.062	ng/ul	
68) Pentachlorophenol	16.79	266	63625	6.661	ng/ul	92
69) Phenanthrene	17.13	178	53796067m	743.261	ng/ul	
71) Anthracene	17.25	178	18646745m	252.042	ng/ul	
72) Carbazole	17.51	167	13387200	210.373	ng/ul	98
74) Fluoranthene	19.15	202	35996860m	405.837	ng/ul	
77) Pyrene	19.52	202	30672150m	504.486	ng/ul	
80) Benzo(a)anthracene	21.26	228	14961681m	235.633	ng/ul	
82) Chrysene	21.32	228	12581378	213.577	ng/ul#	89
85) Benzo(b)fluoranthene	22.84	252	9528668	170.703	ng/ul#	98
86) Benzo(k)fluoranthene	22.88	252	3118362m	59.363	ng/ul	
88) Benzo(a)pyrene	23.42	252	6669939	133.018	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.74	276	3061522	61.534	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.74	278	848271	20.023	ng/ul#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.43	276	2407601	61.348	ng/ul#	95

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

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