

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\
 Data File : BM013431.D
 Acq On : 15 Dec 2017 08:58
 Operator : SJ/JU
 Sample : I6778-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A80

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:49:21 PM

Quant Time: Dec 15 16:56:17 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 04:56:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	280416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1216021	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	716752	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1475960	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1294295	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1047661	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	24629	4.35	ng/uL	0.00
5) Phenol-d5	6.86	99	618133	25.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	379557	27.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	510597	26.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	557989	26.92	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	289432	30.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	322530	31.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	554120	26.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	476066	24.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1723066	27.01	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	2067540	26.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	264180	23.84	ng/ul	0.01
57) Fluorene-d10	15.32	176	1419143	25.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	190635	20.53	ng/ul	0.02
70) Anthracene-d10	17.18	188	2057617	27.84	ng/ul	0.01
76) Pyrene-d10	19.47	212	2102019	32.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1388343	26.02	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.88	94	76582	3.193	ng/ul#	86
24) 2,4-Dimethylphenol	9.65	107	52274	2.240	ng/ul#	81
28) Naphthalene	10.52	128	27659707m	442.111	ng/ul	
34) 2-Methylnaphthalene	12.13	142	9772476	207.792	ng/ul	96
40) 1,1'-Biphenyl	13.15	154	2369545	39.117	ng/ul	98
44) Dimethylphthalate	13.79	163	522543	8.566	ng/ul	99
47) Acenaphthylene	14.04	152	1145619	15.728	ng/ul#	95
49) Acenaphthene	14.40	153	9236703	186.155	ng/ul	98
53) Dibenzofuran	14.73	168	10157470	138.668	ng/ul	100
58) Fluorene	15.39	166	10758656	177.543	ng/ul	99
68) Pentachlorophenol	16.74	266	13481	1.218	ng/ul	88
69) Phenanthrene	17.12	178	25894979m	308.817	ng/ul	
71) Anthracene	17.22	178	6226856	72.650	ng/ul	98
72) Carbazole	17.49	167	4785252	64.908	ng/ul	100
74) Fluoranthene	19.14	202	17104833m	166.457	ng/ul	
77) Pyrene	19.51	202	13725654	174.556	ng/ul#	85
80) Benzo(a)anthracene	21.25	228	3420649	41.654	ng/ul	98
82) Chrysene	21.30	228	2788334	36.599	ng/ul	98
85) Benzo(b)fluoranthene	22.82	252	1822720	25.809	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	530489m	7.982	ng/ul	
88) Benzo(a)pyrene	23.39	252	1134991	17.890	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	457293	7.265	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.71	278	133580	2.492	ng/ul#	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.39	276	340454	6.857	ng/ul#	90

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

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