

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005336.D
 Acq On : 27 Apr 2019 02:49
 Operator : JU/SJ
 Sample : K2481-08MS 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW2MS

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:43 PM

Quant Time: Apr 27 04:07:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:54:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	378879	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1654439	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1070615	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2361142	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2120773	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	2009059	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	856	0.11	ng/uL	0.00
5) Phenol-d5	6.78	99	28230	0.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	17367	0.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	22520	0.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	24550	1.06	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	12729	1.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	12724	1.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	27910	1.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	17402	0.71	ng/ul	-0.02
43) Dimethylphthalate-d6	13.65	166	115399	1.48	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	120180	1.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	27321	2.23	ng/ul	0.00
57) Fluorene-d10	15.23	176	100272	1.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	5076	0.48	ng/ul	0.02
70) Anthracene-d10	17.09	188	138396	1.40	ng/ul	0.00
78) Pyrene-d10	19.39	212	160957	1.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	122535	1.40	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.80	94	28880	0.944 ng/ul	95
10) 2-Chlorophenol	7.16	128	21074	0.895 ng/ul	92
15) N-Nitroso-di-n-propylamine	8.39	70	19396	0.974 ng/ul	93
28) Naphthalene	10.40	128	3200273	41.609 ng/ul	100
33) 4-Chloro-3-methylphenol	11.65	107	33150m	1.261 ng/ul	
34) 2-Methylnaphthalene	12.04	142	20369121	361.693 ng/ul	93
40) 1,1'-Biphenyl	13.06	154	2914315	36.534 ng/ul	99
47) Acenaphthylene	13.96	152	13075201	139.383 ng/ul#	94
49) Acenaphthene	14.29	153	1597063	24.938 ng/ul	98
52) 4-Nitrophenol	14.46	109	12469m	1.119 ng/ul	
53) Dibenzofuran	14.63	168	1908803	20.702 ng/ul	98
54) 2,4-Dinitrotoluene	14.60	165	149077m	7.734 ng/ul	
58) Fluorene	15.29	166	8878310	123.398 ng/ul	97
68) Pentachlorophenol	16.65	266	15553	1.049 ng/ul#	91
69) Phenanthrene	17.03	178	24439978m	212.537 ng/ul	
71) Anthracene	17.12	178	4401272	37.572 ng/ul	99
76) Fluoranthene	19.06	202	8882599	69.642 ng/ul	99
79) Pyrene	19.43	202	13002659	95.223 ng/ul	99
82) Benzo(a)anthracene	21.20	228	4687413m	35.528 ng/ul	
84) Chrysene	21.25	228	4531859	37.011 ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	2246729m	19.894 ng/ul	
88) Benzo(k)fluoranthene	22.79	252	566681m	5.254 ng/ul	
90) Benzo(a)pyrene	23.32	252	1325403	12.486 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Indeno(1,2,3-cd)pyrene	25.59	276	691671	5.893	ng/ul	97
92) Dibenzo(a,h)anthracene	25.59	278	262765	2.638	ng/ul	98
93) Benzo(g,h,i)perylene	26.24	276	593985	6.121	ng/ul	97

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

