

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN042319\  
 Data File : BN005241.D  
 Acq On : 24 Apr 2019 07:09  
 Operator : JU/SJ  
 Sample : K2455-11 10X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 GAHR1

**Manual Integrations**  
**APPROVED**  
 Sohil  
 4/24/2019 11:46:15 AM

Quant Time: Apr 25 07:39:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 23 03:50:45 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	480809	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1874666	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1115135	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2251253	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1955888	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	2187167	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	11823	1.19	ng/uL	0.00
5) Phenol-d5	6.78	99	59386	1.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	43850	1.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	50690	1.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	35734	1.21	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	72303	6.27	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.45	143	22597	1.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	49046	1.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	124277	4.49	ng/ul	-0.02
43) Dimethylphthalate-d6	13.65	166	184670	2.28	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	201779	2.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	38569	3.02	ng/ul	0.00
57) Fluorene-d10	15.23	176	150569	2.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	1770	0.17	ng/ul	0.01
70) Anthracene-d10	17.09	188	212834	2.26	ng/ul	0.00
78) Pyrene-d10	19.40	212	221882	2.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	208236	2.18	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Acetophenone	8.40	105	163167	3.454	ng/ul#	65
28) Naphthalene	10.42	128	21072431m	241.795	ng/ul	
34) 2-Methylnaphthalene	12.05	142	29124514m	456.409	ng/ul	
40) 1,1'-Biphenyl	13.06	154	3129124	37.660	ng/ul	99
47) Acenaphthylene	13.96	152	10867642	111.225	ng/ul#	95
49) Acenaphthene	14.30	153	1464045	21.948	ng/ul	98
53) Dibenzofuran	14.63	168	1919272	19.984	ng/ul	95
58) Fluorene	15.29	166	6601092	88.084	ng/ul#	97
69) Phenanthrene	17.03	178	18427486m	168.073	ng/ul	
71) Anthracene	17.12	178	4697273	42.057	ng/ul	99
76) Fluoranthene	19.06	202	4665378	38.363	ng/ul	98
79) Pyrene	19.43	202	7325811	58.172	ng/ul	99
82) Benzo(a)anthracene	21.20	228	2717998m	22.338	ng/ul	
84) Chrysene	21.25	228	2226977	19.721	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	1270989	10.338	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	395003m	3.364	ng/ul	
90) Benzo(a)pyrene	23.32	252	1394529	12.067	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.59	276	487135	3.813	ng/ul	98
92) Dibenzo(a,h)anthracene	25.60	278	184470	1.701	ng/ul	95
93) Benzo(g,h,i)perylene	26.25	276	346531	3.280	ng/ul	97

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

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