

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005200.D
 Acq On : 23 Apr 2019 06:47
 Operator : JU/SJ
 Sample : K2455-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHR1

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:01 PM

Quant Time: Apr 23 09:22:51 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	16231	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	60182	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.27	164	1042530	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.16	188	2261288	20.00	ng/ul	0.17
77) Chrysene-d12	21.25	240	130395m	20.00	ng/ul	0.03
85) Perylene-d12	24.30	264	1744218m	20.00	ng/ul	0.88
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	77924	231.80	ng/uL	0.00
5) Phenol-d5	6.78	99	728721	571.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	521137	655.33	ng/ul	0.01
9) 2-Chlorophenol-d4	7.14	132	620743	636.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	499082	500.84	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	399726	1079.14	ng/ul	0.01
22) 2-Nitrophenol-d4	9.48	143	333173	887.22	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.01	165	617473	717.35	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	405724	457.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1854610m	24.51	ng/ul	0.09
46) Acenaphthylene-d8	14.00	160	2336597	25.14	ng/ul	0.08
51) 4-Nitrophenol-d4	14.49	143	467374	39.11	ng/ul	0.06
57) Fluorene-d10	15.29	176	1600920	25.21	ng/ul	0.05
62) 4,6-Dinitro-2-methylphenol	15.47	200	80005	7.87	ng/ul	0.12
70) Anthracene-d10	17.16	188	2283585	24.09	ng/ul	0.07
78) Pyrene-d10	19.43	212	2133312	319.81	ng/ul	0.03
89) Benzo(a)pyrene-d12	23.32	264	1895896	24.87	ng/ul	0.04
Target Compounds						
14) Acetophenone	8.40	105	1975232	1238.521	ng/ul#	61
24) 2,4-Dimethylphenol	9.59	107	157217	147.556	ng/ul#	59
28) Naphthalene	10.42	128	66434048m	23745.418	ng/ul	
34) 2-Methylnaphthalene	12.06	142	103261804m	50407.159	ng/ul	
40) 1,1'-Biphenyl	13.09	154	23809544m	306.516	ng/ul	
44) Dimethylphthalate	13.78	163	359786m	4.771	ng/ul	
47) Acenaphthylene	14.02	152	38500642m	421.479	ng/ul	
49) Acenaphthene	14.36	153	15418332	247.242	ng/ul	96
53) Dibenzofuran	14.69	168	19637341	218.713	ng/ul	89
58) Fluorene	15.33	166	36018920m	514.106	ng/ul	
69) Phenanthrene	17.05	178	57072775m	518.239	ng/ul	
71) Anthracene	17.17	178	23870062m	212.770	ng/ul	
76) Fluoranthene	19.09	202	23047015m	188.673	ng/ul	
79) Pyrene	19.45	202	27860039m	3318.361	ng/ul	
81) 3,3'-Dichlorobenzidine	21.29	252	794602m	305.003	ng/ul	
82) Benzo(a)anthracene	21.22	228	17219749m	2122.773	ng/ul	
84) Chrysene	21.28	228	16040164m	2130.562	ng/ul	
87) Benzo(b)fluoranthene	22.81	252	11740141m	119.740	ng/ul	
88) Benzo(k)fluoranthene	22.84	252	3570923m	38.134	ng/ul	
90) Benzo(a)pyrene	23.37	252	12327598m	133.763	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.64	276	4740818m	46.527	ng/ul	
92) Dibenzo(a,h)anthracene	25.64	278	1856540m	21.470	ng/ul	
93) Benzo(g,h,i)perylene	26.31	276	3437238m	40.797	ng/ul	

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

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