

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005341.D
 Acq On : 27 Apr 2019 05:42
 Operator : JU/SJ
 Sample : K2456-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:12 PM

Quant Time: Apr 29 07:45:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	423417	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1790967	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1103871	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2519078	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	1775927	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	1928748m	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	28530	3.25	ng/uL	0.00
5) Phenol-d5	6.78	99	640487	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	379339	18.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	521371	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	530296	20.40	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	270363	24.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	315372	28.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	556579	21.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	464400	17.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1653827	20.64	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2051952	20.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	283167	22.38	ng/ul	0.00
57) Fluorene-d10	15.23	176	1436754	21.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	109103m	9.63	ng/ul	0.02
70) Anthracene-d10	17.09	188	2217417	21.00	ng/ul	0.00
78) Pyrene-d10	19.41	212	2225949	24.50	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.29	264	1703331	20.21	ng/ul	-0.01

Target Compounds

					Qvalue	
28) Naphthalene	10.40	128	868030	10.426	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	3390441	55.614	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	301248	3.663	ng/ul	98
44) Dimethylphthalate	13.70	163	389010	4.872	ng/ul	99
47) Acenaphthylene	13.96	152	13517894	139.761	ng/ul#	94
49) Acenaphthene	14.30	153	1596841	24.183	ng/ul	99
53) Dibenzofuran	14.63	168	823896	8.666	ng/ul#	83
58) Fluorene	15.29	166	7696544	103.750	ng/ul	98
69) Phenanthrene	17.03	178	23074855m	188.085	ng/ul	
71) Anthracene	17.13	178	6294533	50.366	ng/ul	99
76) Fluoranthene	19.07	202	17764095m	130.543	ng/ul	
79) Pyrene	19.44	202	23674621m	207.043	ng/ul	
82) Benzo(a)anthracene	21.21	228	13795908	124.871	ng/ul#	79
84) Chrysene	21.27	228	13087053	127.633	ng/ul#	91
87) Benzo(b)fluoranthene	22.79	252	11463877	105.736	ng/ul	99
88) Benzo(k)fluoranthene	22.82	252	2876520m	27.780	ng/ul	
90) Benzo(a)pyrene	23.34	252	6770514m	66.436	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.63	276	4746958m	42.131	ng/ul	
92) Dibenzo(a,h)anthracene	25.63	278	1571457m	16.434	ng/ul	
93) Benzo(g,h,i)perylene	26.29	276	4024278m	43.195	ng/ul	

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

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