

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\
 Data File : BN005899.D
 Acq On : 24 May 2019 20:36
 Operator : JU/SJ
 Sample : K2928-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42F1

Quant Time: May 27 06:59:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	81844	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.32	136	343866	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	234833	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	607587	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	676513	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	703203	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	9375	6.41	ng/uL	-0.01
5) Phenol-d5	6.76	99	218783	34.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	110370	33.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	177357	34.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	173079	32.00	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	86973	34.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	98364	34.12	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.97	165	199652	36.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	217401	35.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	703940	38.96	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	838797	38.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	83468	32.79	ng/ul	0.01
57) Fluorene-d10	15.20	176	622424	40.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	52461	14.36	ng/ul	0.01
70) Anthracene-d10	17.06	188	1047849	39.92	ng/ul	0.00
78) Pyrene-d10	19.37	212	1268116	38.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	1303452	41.32	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.20	88	29562	19.209	ng/uL 93
4) Benzaldehyde	6.72	77	119520	26.104	ng/ul 99
6) Phenol	6.78	94	333825	51.775	ng/ul# 89
8) Bis(2-Chloroethyl)ether	6.99	93	175407	37.124	ng/ul 94
17) Hexachloroethane	8.60	117	113944	51.558	ng/ul# 80
20) Nitrobenzene	8.75	77	128483	22.268	ng/ul 98
23) 2-Nitrophenol	9.45	139	118327	39.433	ng/ul# 91
28) Naphthalene	10.36	128	704127	42.866	ng/ul 99
34) 2-Methylnaphthalene	11.99	142	749126	59.053	ng/ul 99
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	176824	23.388	ng/ul 95
39) 2,4,5-Trichlorophenol	12.71	196	339745	69.105	ng/ul 97
40) 1,1'-Biphenyl	13.02	154	746373	43.709	ng/ul# 96
41) 2-Chloronaphthalene	13.06	162	574195	42.573	ng/ul 97
47) Acenaphthylene	13.92	152	840346	39.750	ng/ul 99
49) Acenaphthene	14.26	153	503194	35.129	ng/ul 98
52) 4-Nitrophenol	14.48	109	70809	29.786	ng/ul# 66
53) Dibenzofuran	14.60	168	381098	17.932	ng/ul 95
54) 2,4-Dinitrotoluene	14.62	165	148981	26.484	ng/ul 93
56) Diethylphthalate	15.04	149	395031	21.909	ng/ul 97
58) Fluorene	15.26	166	724657	41.920	ng/ul 99
66) Hexachlorobenzene	16.27	284	132901	18.620	ng/ul 93
69) Phenanthrene	17.00	178	1032370	34.278	ng/ul 99
71) Anthracene	17.09	178	1756195	57.269	ng/ul 100

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76) Fluoranthene	19.03	202	1249546	33.558	ng/ul#	88
79) Pyrene	19.40	202	1134585	27.311	ng/ul#	86
82) Benzo(a)anthracene	21.17	228	1049609	24.627	ng/ul	100
84) Chrysene	21.23	228	872366	21.713	ng/ul	99
86) Di-n-octyl phthalate	21.98	149	849919	22.652	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	1798434	46.488	ng/ul#	95
88) Benzo(k)fluoranthene	22.79	252	918883	24.548	ng/ul#	97
90) Benzo(a)pyrene	23.30	252	984642	26.285	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.59	276	960695	20.976	ng/ul#	91
92) Dibenzo(a,h)anthracene	25.58	278	556560	14.436	ng/ul#	93
93) Benzo(g,h,i)perylene	26.26	276	1253731	32.748	ng/ul#	90

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

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