

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005979.D
 Acq On : 31 May 2019 13:17
 Operator : JU/SJ
 Sample : K2928-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B8

Manual Integrations
 APPROVED

mohammad
 6/5/2019 6:10:39 AM

Quant Time: May 31 14:26:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 14:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	528312	20.00	ng/ul	0.01
18) Naphthalene-d8	10.54	136	1943174	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.41	164	898516	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.16	188	1727445	20.00	ng/ul	0.02
77) Chrysene-d12	21.41	240	1183905	20.00	ng/ul	0.05
85) Perylene-d12	23.74	264	1731537m	20.00	ng/ul	0.09

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	63484	5.29	ng/uL	0.00
5) Phenol-d5	6.92	99	1134175	24.22	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	674010	25.23	ng/ul	0.01
9) 2-Chlorophenol-d4	7.28	132	932049	26.13	ng/ul	0.01
13) 4-Methylphenol-d8	8.45	113	810013	21.43	ng/ul	0.02
19) Nitrobenzene-d5	8.90	128	420106	33.68	ng/ul	0.01
22) 2-Nitrophenol-d4	9.62	143	412447	35.51	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.16	165	757172	27.61	ng/ul	0.02
29) 4-Chloroaniline-d4	10.68	131	435608	12.11	ng/ul	0.02
43) Dimethylphthalate-d6	13.81	166	1875403	28.31	ng/ul	0.02
46) Acenaphthylene-d8	14.09	160	2401783	28.99	ng/ul	0.02
51) 4-Nitrophenol-d4	14.62	143	264169	21.91	ng/ul	0.03
57) Fluorene-d10	15.41	176	1738959	31.30	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.55	200	40139	5.70	ng/ul	0.04
70) Anthracene-d10	17.27	188	2094747	28.49	ng/ul	0.04
78) Pyrene-d10	19.58	212	1935194	32.37	ng/ul	0.04
89) Benzo(a)pyrene-d12	23.59	264	2156462m	27.91	ng/ul	0.09

Target Compounds

					Ovalue
6) Phenol	6.94	94	76889	1.594	ng/ul 96
28) Naphthalene	10.59	128	1743301	18.903	ng/ul 99
34) 2-Methylnaphthalene	12.21	142	516669	7.605	ng/ul 98
40) 1,1'-Biphenyl	13.23	154	199504	2.994	ng/ul 99
44) Dimethylphthalate	13.86	163	696168	10.515	ng/ul 100
47) Acenaphthylene	14.12	152	513613	6.321	ng/ul# 96
49) Acenaphthene	14.47	153	1804751	32.696	ng/ul 99
53) Dibenzofuran	14.81	168	1615254	20.729	ng/ul 98
58) Fluorene	15.46	166	2494343	40.757	ng/ul 97
69) Phenanthrene	17.21	178	19134926m	223.569	ng/ul
71) Anthracene	17.31	178	8403892	96.715	ng/ul 98
74) Carbazole	17.57	167	4265196	54.487	ng/ul 99
76) Fluoranthene	19.25	202	21692264m	237.415	ng/ul
79) Pyrene	19.61	202	20584363m	274.474	ng/ul
82) Benzo(a)anthracene	21.39	228	13828433	185.809	ng/ul 91
83) Bis(2-ethylhexyl)phthalate	21.31	149	112034	2.293	ng/ul# 82
84) Chrysene	21.45	228	12559094	180.936	ng/ul# 91
87) Benzo(b)fluoranthene	23.05	252	17108707	175.916	ng/ul 96
88) Benzo(k)fluoranthene	23.09	252	6849068m	76.594	ng/ul
90) Benzo(a)pyrene	23.65	252	13171488m	143.614	ng/ul
91) Indeno(1,2,3-cd)pyrene	26.11	276	9727610m	90.390	ng/ul
92) Dibenz(a,h)anthracene	26.09	278	2729254m	30.460	ng/ul
93) Benzo(g,h,i)perylene	26.82	276	6782405m	74.829	ng/ul

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

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