

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005943.D
 Acq On : 29 May 2019 22:33
 Operator : JU/SJ
 Sample : K2928-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B8

Manual Integrations
 APPROVED

mohammad
 5/30/2019 1:28:58 PM

Quant Time: May 30 06:59:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	595279	20.00	ng/ul	0.01
18) Naphthalene-d8	10.53	136	2666817	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.39	164	1532443	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.15	188	3108366	20.00	ng/ul	0.03
77) Chrysene-d12	21.36	240	1591030	20.00	ng/ul	0.04
85) Perylene-d12	23.65	264	2152608m	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	58529	4.33	ng/uL	0.00
5) Phenol-d5	6.91	99	1338268	25.36	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	745956	24.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	1053567	26.21	ng/ul	0.01
13) 4-Methylphenol-d8	8.44	113	1029361	24.17	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	522960	30.55	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	475842	29.85	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	1032039	27.42	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	653974	13.25	ng/ul	0.02
43) Dimethylphthalate-d6	13.79	166	2956448	26.17	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	3857765	27.30	ng/ul	0.02
51) 4-Nitrophenol-d4	14.59	143	484620	23.57	ng/ul	0.03
57) Fluorene-d10	15.38	176	2954507	31.18	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.53	200	21747m	1.72	ng/ul	0.05
70) Anthracene-d10	17.25	188	3543546	26.79	ng/ul	0.03
78) Pyrene-d10	19.55	212	2887676	35.94	ng/ul	0.03
89) Benzo(a)pyrene-d12	23.51	264	2597964m	27.05	ng/ul	0.06

Target Compounds

					Ovalue
6) Phenol	6.94	94	91546	1.684	ng/ul 93
28) Naphthalene	10.58	128	2325564	18.374	ng/ul 99
34) 2-Methylnaphthalene	12.19	142	750384	8.048	ng/ul 98
40) 1,1'-Biphenyl	13.21	154	304682	2.681	ng/ul 98
44) Dimethylphthalate	13.84	163	1112754	9.855	ng/ul 100
47) Acenaphthylene	14.11	152	809685	5.843	ng/ul# 97
49) Acenaphthene	14.45	153	2932477	31.149	ng/ul 100
53) Dibenzofuran	14.79	168	2686888	20.218	ng/ul 99
58) Fluorene	15.44	166	4177704	40.024	ng/ul 97
69) Phenanthrene	17.19	178	24525452m	159.248	ng/ul
71) Anthracene	17.29	178	12853398	82.206	ng/ul 95
74) Carbazole	17.55	167	7063762	50.149	ng/ul 98
76) Fluoranthene	19.22	202	25275512m	153.736	ng/ul
79) Pyrene	19.58	202	23874655m	236.886	ng/ul
82) Benzo(a)anthracene	21.35	228	16380244	163.777	ng/ul# 85
83) Bis(2-ethylhexyl)phthalate	21.27	149	173215	2.638	ng/ul# 84
84) Chrysene	21.41	228	15435730	165.475	ng/ul# 86
87) Benzo(b)fluoranthene	22.98	252	20713738	171.322	ng/ul 94
88) Benzo(k)fluoranthene	23.02	252	7449346m	67.011	ng/ul
90) Benzo(a)pyrene	23.57	252	15303499m	134.221	ng/ul
91) Indeno(1,2,3-cd)pyrene	25.99	276	10980596m	82.074	ng/ul
92) Dibenzo(a,h)anthracene	25.99	278	3011731m	27.037	ng/ul
93) Benzo(g,h,i)perylene	26.70	276	8028538m	71.250	ng/ul

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

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