

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010381.D
 Acq On : 02 Apr 2020 04:44
 Operator : CG/JU
 Sample : L2065-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF14

Manual Integrations
 APPROVED

mohammad
 4/3/2020 2:19:04 PM

Quant Time: Apr 02 06:10:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 02 00:34:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	591771	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1737965m	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.25	164	1764683	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	3789850	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	4096545	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	4576905	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	18469	1.48	ng/uL	0.00
5) Phenol-d5	6.80	99	429430	8.70	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	808306	31.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	1120131	28.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	792195	19.00	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	766474	59.40	ng/ul	0.01
22) 2-Nitrophenol-d4	9.49	143	775845	56.79	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.06	165	1399061	49.39	ng/ul	0.06
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.66	166	4789409	35.97	ng/ul	0.01
47) Acenaphthylene-d8	13.93	160	5712479	36.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	247546	9.90	ng/ul	0.01
58) Fluorene-d10	15.24	176	4281585	36.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	782383	36.05	ng/ul	0.01
71) Anthracene-d10	17.09	188	6154080	35.36	ng/ul	0.01
79) Pyrene-d10	19.39	212	7602385	36.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	8767122	38.50	ng/ul	0.00
Target Compounds						
16) 4-Methylphenol	8.40	108	338184	7.704	ng/ul	87
24) 2,4-Dimethylphenol	9.63	107	588648m	18.444	ng/ul	
28) Naphthalene	10.42	128	90903788m	972.278	ng/ul	
34) 2-Methylnaphthalene	12.05	142	36848322m	542.479	ng/ul	
41) 1,1'-Biphenyl	13.07	154	17038564m	126.883	ng/ul	
48) Acenaphthylene	13.96	152	1959283	11.708	ng/ul#	93
50) Acenaphthene	14.30	153	28364574m	246.058	ng/ul	
54) Dibenzofuran	14.64	168	24755225m	152.462	ng/ul	
59) Fluorene	15.29	166	20836538m	157.680	ng/ul	
70) Phenanthrene	17.03	178	24508935m	116.710	ng/ul	
72) Anthracene	17.13	178	6141685	29.242	ng/ul	98
75) Carbazole	17.39	167	25821624m	147.848	ng/ul	
77) Fluoranthene	19.05	202	15806570m	70.678	ng/ul	
80) Pyrene	19.42	202	12997850	47.452	ng/ul	99
83) Benzo(a)anthracene	21.17	228	2493369	9.059	ng/ul	98
85) Chrysene	21.22	228	2155975	8.214	ng/ul	97
88) Benzo(b)fluoranthene	22.72	252	1189249	4.291	ng/ul	96
89) Benzo(k)fluoranthene	22.75	252	322040m	1.196	ng/ul	
91) Benzo(a)pyrene	23.26	252	539222	2.078	ng/ul	100

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

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