

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005302.D
 Acq On : 26 Apr 2019 04:10
 Operator : JU/SJ
 Sample : K2402-08MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9MS

Manual Integrations
 APPROVED

Sohil
 4/30/2019 7:00:41 PM

Quant Time: Apr 27 05:34:08 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	443994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1938751	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1176357	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2769324	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	2105554	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	2283869m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	34607	3.76	ng/uL	0.00
5) Phenol-d5	6.78	99	889784	25.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	520238	23.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	691092	25.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	739262	27.12	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	375805	31.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	415881	34.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	758298	27.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	401906	14.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2323974	27.22	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2913676	27.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	420759	31.21	ng/ul	0.00
57) Fluorene-d10	15.23	176	2048246	28.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	285000	22.88	ng/ul	0.00
70) Anthracene-d10	17.08	188	3277104	28.23	ng/ul	0.00
78) Pyrene-d10	19.41	212	3463170	32.15	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.29	264	2706136	27.11	ng/ul	-0.01

Target Compounds

					Qvalue
6) Phenol	6.80	94	900589	25.108	ng/ul 98
10) 2-Chlorophenol	7.16	128	672881	24.389	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.39	70	566577	24.279	ng/ul 92
28) Naphthalene	10.40	128	1564418	17.357	ng/ul 100
33) 4-Chloro-3-methylphenol	11.65	107	823416	26.721	ng/ul 95
34) 2-Methylnaphthalene	12.03	142	2660302	40.311	ng/ul 97
40) 1,1'-Biphenyl	13.05	154	285379	3.256	ng/ul 99
44) Dimethylphthalate	13.69	163	688144	8.087	ng/ul 99
47) Acenaphthylene	13.95	152	10296484	99.895	ng/ul 97
49) Acenaphthene	14.29	153	2086288	29.649	ng/ul 98
52) 4-Nitrophenol	14.45	109	351035	28.682	ng/ul 94
54) 2,4-Dinitrotoluene	14.60	165	689140	32.537	ng/ul# 93
58) Fluorene	15.29	166	1519869m	19.225	ng/ul
68) Pentachlorophenol	16.64	266	457268	26.287	ng/ul 97
69) Phenanthrene	17.03	178	5615218	41.634	ng/ul 98
71) Anthracene	17.12	178	4525264	32.937	ng/ul 99
76) Fluoranthene	19.07	202	18472796m	123.484	ng/ul
79) Pyrene	19.43	202	26376597m	194.561	ng/ul
82) Benzo(a)anthracene	21.21	228	16420066	125.356	ng/ul# 55
83) Bis(2-ethylhexyl)phthalate	21.16	149	119333	1.444	ng/ul# 85
84) Chrysene	21.27	228	16731192	137.628	ng/ul# 76
87) Benzo(b)fluoranthene	22.79	252	15012443	116.935	ng/ul 98
88) Benzo(k)fluoranthene	22.82	252	4018439m	32.773	ng/ul

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90) Benzo(a)pyrene	23.35	252	13709299m	113.607	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.63	276	6087499m	45.627	ng/ul	
92) Dibenzo(a,h)anthracene	25.63	278	2166455m	19.134	ng/ul	
93) Benzo(g,h,i)perylene	26.29	276	4484219m	40.648	ng/ul	

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

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