

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012220\
 Data File : BN009414.D
 Acq On : 22 Jan 2020 09:44
 Operator : CG/JU
 Sample : SSTD00552
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD00552

Manual Integrations
 APPROVED

mohammad
 1/23/2020 1:54:44 PM

Quant Time: Jan 22 14:59:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 22 14:51:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	148880	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	639081	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.10	164	420197	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	868289	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	829555	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	901130	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	7019	1.95	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.00	132	41395	4.29	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.60	128	19696	4.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	17523	3.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	40605	4.20	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.52	166	142152	4.57	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	160350	4.34	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.10	176	128348	4.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	16.95	188	186111	4.63	ng/ul	0.00
78) Pyrene-d10	19.25	212	198992	4.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	201742	4.44	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.12	88	9191m	2.294	ng/uL
10) 2-Chlorophenol	7.03	128	44585	4.446	ng/ul
15) N-Nitroso-di-n-propylamine	8.26	70	39320	4.265	ng/ul
17) Hexachloroethane	8.52	117	22488	4.841	ng/ul
20) Nitrobenzene	8.64	77	63077	4.614	ng/ul
21) Isophorone	9.17	82	103280	4.259	ng/ul
23) 2-Nitrophenol	9.35	139	20240	3.769	ng/ul
24) 2,4-Dimethylphenol	9.42	107	54868	4.453	ng/ul
25) Bis(2-Chloroethoxy)methane	9.65	93	68108	4.587	ng/ul
27) 2,4-Dichlorophenol	9.87	162	40088	4.235	ng/ul
28) Naphthalene	10.26	128	168036	4.886	ng/ul
31) Hexachlorobutadiene	10.55	225	31640	4.870	ng/ul
33) 4-Chloro-3-methylphenol	11.52	107	49696	4.326	ng/ul
34) 2-Methylnaphthalene	11.88	142	111938	4.728	ng/ul
36) 1,2,4,5-Tetrachlorobenzene	12.26	216	55929	4.605	ng/ul
38) 2,4,6-Trichlorophenol	12.52	196	30221	4.025	ng/ul
39) 2,4,5-Trichlorophenol	12.59	196	35363m	4.281	ng/ul
40) 1,1'-Biphenyl	12.92	154	147760	4.644	ng/ul
41) 2-Chloronaphthalene	12.96	162	118904	4.733	ng/ul
42) 2-Nitroaniline	13.17	65	35157	3.832	ng/ul
44) Dimethylphthalate	13.57	163	146018	4.561	ng/ul
45) 2,6-Dinitrotoluene	13.68	165	23291	3.823	ng/ul
47) Acenaphthylene	13.81	152	178490	4.481	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.16	153	128857	4.742	ng/ul	97
53) Dibenzofuran	14.50	168	180811	4.789	ng/ul	100
54) 2,4-Dinitrotoluene	14.48	165	34732	3.823	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.73	232	27401	3.882	ng/ul	94
56) Diethylphthalate	14.95	149	146561	4.476	ng/ul	97
58) Fluorene	15.15	166	150066	4.743	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.16	204	74613	4.784	ng/ul	99
64) N-Nitrosodiphenylamine	15.37	169	118093	4.593	ng/ul	97
65) 4-Bromophenyl-phenylether	16.05	248	39871	4.556	ng/ul	92
66) Hexachlorobenzene	16.16	284	44616	4.596	ng/ul#	88
69) Phenanthrene	16.89	178	239346	4.885	ng/ul	99
71) Anthracene	16.98	178	237667	4.764	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.88	216	56116	4.719	ng/uL	99
73) Pentachlorobenzene	14.42	250	54543	4.718	ng/uL	94
75) Di-n-butylphthalate	17.84	149	217346	4.166	ng/ul	99
79) Pyrene	19.28	202	283060	4.713	ng/ul	99
80) Butylbenzylphthalate	20.21	149	87867	3.790	ng/ul	90
82) Benzo(a)anthracene	21.04	228	272797	4.829	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.00	149	134242	3.818	ng/ul	100
84) Chrysene	21.09	228	260914	4.741	ng/ul	96
87) Benzo(b)fluoranthene	22.55	252	249163	4.373	ng/ul	98
88) Benzo(k)fluoranthene	22.59	252	258119	4.607	ng/ul	97
90) Benzo(a)pyrene	23.08	252	223916	4.378	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.24	276	281041	4.534	ng/ul	96
92) Dibenzo(a,h)anthracene	25.24	278	234954	4.493	ng/ul	95
93) Benzo(g,h,i)perylene	25.86	276	236570	4.589	ng/ul	97

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

