

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\
 Data File : BN013374.D
 Acq On : 08 Jan 2021 18:49
 Operator : CG/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD020003

Manual Integrations
 APPROVED

mohammad
 1/11/2021 1:40:47 PM

Quant Time: Jan 09 03:48:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 08 12:05:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	360944	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1515826	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	946983	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2107448	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	2105324	20.00	ng/ul	0.00
88) Perylene-d12	23.35	264	2233510	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	70349	7.43	ng/uL	0.00
4) Pyridine-d5	3.59	84	479118	20.27	ng/ul	0.00
7) Phenol-d5	6.78	99	601785	19.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.95	67	353761	20.96	ng/ul	0.00
11) 2-Chlorophenol-d4	7.14	132	523752	19.84	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	489041	19.97	ng/ul	0.00
21) Nitrobenzene-d5	8.74	128	243600	20.18	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	248986	20.00	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	499614	20.32	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	741819	22.05	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	1607402	21.95	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	1864529	20.63	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	311277	23.27	ng/ul	0.00
60) Fluorene-d10	15.22	176	1384951	21.86	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	229691	22.14	ng/ul	0.00
73) Anthracene-d10	17.07	188	2206086	21.55	ng/ul	0.00
81) Pyrene-d10	19.37	212	2340141	20.64	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.21	264	2503317	21.46	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	73700	7.833	ng/uL 96
5) Pyridine	3.60	79	490468	20.612	ng/ul 95
6) Benzaldehyde	6.75	77	169775	14.919	ng/ul 99
8) Phenol	6.80	94	629702	20.537	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.03	93	514447	21.173	ng/ul 98
12) 2-Chlorophenol	7.17	128	544353	20.233	ng/ul 99
13) 2-Methylphenol	8.03	108	478221	20.244	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.12	45	728545	21.399	ng/ul 98
16) Acetophenone	8.41	105	775877	21.590	ng/ul 99
17) N-Nitroso-di-n-propylamine	8.40	70	349913	19.624	ng/ul 97
18) 4-Methylphenol	8.36	108	526997	20.782	ng/ul 99
19) Hexachloroethane	8.66	117	218547	20.701	ng/ul 98
22) Nitrobenzene	8.78	77	562688	20.793	ng/ul 99
23) Isophorone	9.30	82	986803	19.284	ng/ul 100
25) 2-Nitrophenol	9.48	139	290402	20.957	ng/ul 98
26) 2,4-Dimethylphenol	9.55	107	573726	20.504	ng/ul 98
27) Bis(2-Chloroethoxy)methane	9.79	93	678457	20.497	ng/ul 98
29) 2,4-Dichlorophenol	10.01	162	499096	20.617	ng/ul 99
30) Naphthalene	10.41	128	1789104	21.035	ng/ul 100
32) 4-Chloroaniline	10.52	127	733614	22.908	ng/ul 98
33) Hexachlorobutadiene	10.70	225	317601	20.988	ng/ul 99
34) Caprolactam	11.28	113	160852m	21.548	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.65	107	546218	21.068	ng/ul	94
36) 2-Methylnaphthalene	12.03	142	1221597	20.888	ng/ul	96
37) 1-Methylnaphthalene	12.25	142	1177300	20.884	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	594112	20.847	ng/ul	99
40) Hexachlorocyclopentadiene	12.39	237	348066	23.441	ng/ul	97
41) 2,4,6-Trichlorophenol	12.65	196	388962	20.696	ng/ul	94
42) 2,4,5-Trichlorophenol	12.72	196	436139	21.808	ng/ul	96
43) 1,1'-Biphenyl	13.06	154	1589900	20.844	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	1254523	20.883	ng/ul	98
45) 2-Nitroaniline	13.30	65	315954	20.640	ng/ul	93
47) Dimethylphthalate	13.69	163	1663560	22.138	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	326142	22.883	ng/ul	97
50) Acenaphthylene	13.95	152	1920926	21.032	ng/ul	99
51) 3-Nitroaniline	14.13	138	241320	18.356	ng/ul	99
52) Acenaphthene	14.29	153	1378357	21.390	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	136215	21.326	ng/ul	95
55) 4-Nitrophenol	14.44	109	233796	23.212	ng/ul	99
56) Dibenzofuran	14.63	168	1902319	21.562	ng/ul	97
57) 2,4-Dinitrotoluene	14.59	165	495721	24.410	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.85	232	370116	21.916	ng/ul	97
59) Diethylphthalate	15.07	149	1684026	22.044	ng/ul	99
61) Fluorene	15.28	166	1605371	22.461	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.28	204	778052	22.583	ng/ul	98
63) 4-Nitroaniline	15.29	138	230979	18.706	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.35	198	261597	22.664	ng/ul	96
67) N-Nitrosodiphenylamine	15.49	169	1373607	20.686	ng/ul	98
68) 4-Bromophenyl-phenylether	16.17	248	472208	20.358	ng/ul	96
69) Hexachlorobenzene	16.28	284	557943	21.217	ng/ul	96
70) Atrazine	16.45	200	482120	21.255	ng/ul	98
71) Pentachlorophenol	16.62	266	307311	20.956	ng/ul	98
72) Phenanthrene	17.02	178	2630083	21.509	ng/ul	100
74) Anthracene	17.10	178	2755594	22.082	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	596878	19.540	ng/uL	97
76) Pentachlorobenzene	14.55	250	632219	20.743	ng/uL	99
77) Carbazole	17.37	167	2357635	23.276	ng/ul	98
78) Di-n-butylphthalate	17.96	149	2779839	20.136	ng/ul	100
80) Fluoranthene	19.03	202	3036877	20.933	ng/ul	99
82) Pyrene	19.40	202	3149406	21.176	ng/ul	100
83) Butylbenzylphthalate	20.33	149	1220524	19.093	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.09	252	825659	20.738	ng/ul	99
85) Benzo(a)anthracene	21.16	228	2944635	21.190	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.12	149	1856454	19.604	ng/ul	98
87) Chrysene	21.20	228	2889766	21.236	ng/ul	100
89) Di-n-octyl phthalate	21.99	149	3094677	22.273	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	3054980	21.451	ng/ul	98
91) Benzo(k)fluoranthene	22.74	252	3048069	22.470	ng/ul	100
93) Benzo(a)pyrene	23.26	252	2830151	21.919	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.52	276	3524094	21.791	ng/ul	98
95) Dibenzo(a,h)anthracene	25.54	278	2953968	21.795	ng/ul	100
96) Benzo(g,h,i)perylene	26.18	276	2959469	21.594	ng/ul	98

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

