

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
 Data File : BN013452.D
 Acq On : 21 Jan 2021 13:31
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV057

Manual Integrations
 APPROVED

mohammad
 1/25/2021 7:55:58 AM

Quant Time: Jan 21 14:07:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 21 13:24:42 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	516069	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	2042539	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1117105	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2030522	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1579063	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1489176	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	106823	8.44	ng/uL	0.00
4) Pyridine-d5	3.56	84	704785	21.33	ng/ul	0.00
7) Phenol-d5	6.76	99	878775	21.65	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	520654	21.82	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	775588	21.84	ng/ul	0.00
15) 4-Methylphenol-d8	8.28	113	702407	21.81	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	353750	22.07	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	376279	22.87	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	688238	21.84	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	944091	21.23	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	1791587	21.62	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	2306644	21.88	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	329310	21.22	ng/ul	0.00
60) Fluorene-d10	15.22	176	1543100	21.42	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	247002	20.88	ng/ul	0.00
73) Anthracene-d10	17.07	188	2135439	21.76	ng/ul	0.00
81) Pyrene-d10	19.37	212	2021620	21.54	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	1813566	23.35	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.22	88	112654	8.602	ng/uL 99
5) Pyridine	3.59	79	718479	21.472	ng/ul 97
6) Benzaldehyde	6.73	77	255730	15.441	ng/ul 98
8) Phenol	6.79	94	899680	21.466	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.02	93	745508	21.637	ng/ul 99
12) 2-Chlorophenol	7.15	128	789401	21.704	ng/ul 99
13) 2-Methylphenol	8.02	108	683138	21.635	ng/ul 98
14) 2,2'-oxybis(1-Chloropropan	8.11	45	1035972	21.535	ng/ul 99
16) Acetophenone	8.39	105	1077606	22.150	ng/ul 99
17) N-Nitroso-di-n-propylamine	8.39	70	490090	22.140	ng/ul 98
18) 4-Methylphenol	8.35	108	742265	21.711	ng/ul 99
19) Hexachloroethane	8.65	117	327963	21.649	ng/ul 96
22) Nitrobenzene	8.76	77	783555	21.541	ng/ul 99
23) Isophorone	9.29	82	1380389	22.084	ng/ul 99
25) 2-Nitrophenol	9.47	139	423810	22.677	ng/ul 95
26) 2,4-Dimethylphenol	9.54	107	779813	21.756	ng/ul 97
27) Bis(2-Chloroethoxy)methane	9.78	93	931286	21.369	ng/ul 99
29) 2,4-Dichlorophenol	10.00	162	688441	21.706	ng/ul 100
30) Naphthalene	10.40	128	2483378	21.536	ng/ul 99
32) 4-Chloroaniline	10.50	127	918853	21.388	ng/ul 98
33) Hexachlorobutadiene	10.69	225	444917	21.488	ng/ul 97
34) Caprolactam	11.26	113	185647m	21.147	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.64	107	675604	21.728	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	1645897	21.350	ng/ul	97
37) 1-Methylnaphthalene	12.24	142	1572865	21.307	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	789859	22.008	ng/ul	97
40) Hexachlorocyclopentadiene	12.37	237	475645	21.614	ng/ul	100
41) 2,4,6-Trichlorophenol	12.63	196	483848	22.357	ng/ul	95
42) 2,4,5-Trichlorophenol	12.70	196	526347	22.246	ng/ul	99
43) 1,1'-Biphenyl	13.05	154	2009174	21.318	ng/ul	98
44) 2-Chloronaphthalene	13.08	162	1613832	21.663	ng/ul	98
45) 2-Nitroaniline	13.29	65	382312	22.461	ng/ul	96
47) Dimethylphthalate	13.69	163	1871967	21.716	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	377117	22.359	ng/ul	97
50) Acenaphthylene	13.94	152	2347597	21.616	ng/ul	99
51) 3-Nitroaniline	14.12	138	276145	17.848	ng/ul	95
52) Acenaphthene	14.29	153	1645328	21.231	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	163090	18.952	ng/ul	97
55) 4-Nitrophenol	14.44	109	238518	21.352	ng/ul	98
56) Dibenzofuran	14.62	168	2228796	21.474	ng/ul	97
57) 2,4-Dinitrotoluene	14.59	165	528578	22.429	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.85	232	397619	21.693	ng/ul	98
59) Diethylphthalate	15.06	149	1794124	21.547	ng/ul	99
61) Fluorene	15.27	166	1770119	21.616	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.27	204	850319	21.163	ng/ul	98
63) 4-Nitroaniline	15.29	138	245837	17.679	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.35	198	271885	21.195	ng/ul	99
67) N-Nitrosodiphenylamine	15.49	169	1469413	21.846	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	506146	22.105	ng/ul	98
69) Hexachlorobenzene	16.28	284	574386	21.908	ng/ul	95
70) Atrazine	16.45	200	477339	21.687	ng/ul	97
71) Pentachlorophenol	16.62	266	297406	21.254	ng/ul	96
72) Phenanthrene	17.01	178	2612903	21.552	ng/ul	99
74) Anthracene	17.10	178	2681804	22.036	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	757425	21.969	ng/uL	98
76) Pentachlorobenzene	14.54	250	729851	22.253	ng/uL	98
77) Carbazole	17.37	167	2229444	21.922	ng/ul	99
78) Di-n-butylphthalate	17.96	149	2563052	22.170	ng/ul	100
80) Fluoranthene	19.04	202	2615082	21.455	ng/ul	98
82) Pyrene	19.40	202	2701090	21.584	ng/ul	97
83) Butylbenzylphthalate	20.33	149	942706	22.637	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.10	252	532996	19.034	ng/ul	99
85) Benzo(a)anthracene	21.16	228	2225074	21.212	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.12	149	1345626	22.974	ng/ul	100
87) Chrysene	21.21	228	2199802	21.304	ng/ul	99
89) Di-n-octyl phthalate	21.98	149	2138997	23.330	ng/ul	100
90) Benzo(b)fluoranthene	22.71	252	2163684	22.200	ng/ul	98
91) Benzo(k)fluoranthene	22.75	252	2235244	23.168	ng/ul	99
93) Benzo(a)pyrene	23.26	252	2050265	22.894	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.53	276	2546674	22.933	ng/ul	98
95) Dibenzo(a,h)anthracene	25.55	278	2153536	23.214	ng/ul	99
96) Benzo(g,h,i)perylene	26.20	276	2157290	23.370	ng/ul	98

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

