

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120224\
 Data File : BN035386.D
 Acq On : 02 Dec 2024 14:59
 Operator : RC/JU
 Sample : SST02094
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST020233

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 02 15:48:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 02 15:46:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.305	152	85865	20.000	ng/u1	0.00
20) Naphthalene-d8	10.052	136	368396	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.963	164	281180	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.728	188	630701	20.000	ng/u1	0.00
79) Chrysene-d12	20.980	240	618231	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	719370	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.964	96	14769	7.096	ng/uL	0.00
4) Pyridine-d5	3.340	84	102367	17.059	ng/u1	0.00
7) Phenol-d5	6.505	99	128651	18.596	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.664	67	72568	17.350	ng/u1	0.00
11) 2-Chlorophenol-d4	6.846	132	106865	19.818	ng/u1	0.00
15) 4-Methylphenol-d8	8.016	113	113758	20.566	ng/u1	0.00
21) Nitrobenzene-d5	8.440	128	50450	19.912	ng/u1	0.00
24) 2-Nitrophenol-d4	9.152	143	58301	26.559	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.687	165	129302	25.937	ng/u1	0.00
31) 4-Chloroaniline-d4	10.199	131	165813	20.759	ng/u1	0.00
46) Dimethylphthalate-d6	13.393	166	425905	23.176	ng/u1	0.00
49) Acenaphthylene-d8	13.646	160	468731	21.117	ng/u1	0.00
54) 4-Nitrophenol-d4	14.198	143	71893	21.204	ng/u1	0.00
60) Fluorene-d10	14.969	176	364020	22.991	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	69379	28.053	ng/u1	0.00
73) Anthracene-d10	16.828	188	591633	21.714	ng/u1	0.00
81) Pyrene-d10	19.151	212	699343	21.722	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.469	264	736974	21.954	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.993	88	16520	7.387	ng/uL	100
5) Pyridine	3.358	79	102340	16.817	ng/u1	100
6) Benzaldehyde	6.464	77	84603	21.130	ng/u1	100
8) Phenol	6.534	94	135335	18.766	ng/u1	100
10) Bis(2-Chloroethyl)ether	6.752	93	107020	18.838	ng/u1	100
12) 2-Chlorophenol	6.875	128	110447	19.632	ng/u1	100
13) 2-Methylphenol	7.752	108	103970	19.351	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	7.828	45	84159	10.824	ng/u1	100
16) Acetophenone	8.116	105	183915	20.900	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.111	70	83743	19.829	ng/u1	100
18) 4-Methylphenol	8.081	108	118430	20.146	ng/u1	100
19) Hexachloroethane	8.352	117	47004	19.976	ng/u1	100
22) Nitrobenzene	8.481	77	128352	20.955	ng/u1	100
23) Isophorone	9.005	82	257675	21.197	ng/u1	100
25) 2-Nitrophenol	9.181	139	67983	26.531	ng/u1	100
26) 2,4-Dimethylphenol	9.263	107	134042	22.196	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.499	93	152826	20.548	ng/u1	100
29) 2,4-Dichlorophenol	9.710	162	129820	25.798	ng/u1	100
30) Naphthalene	10.099	128	386722	20.930	ng/u1	100
32) 4-Chloroaniline	10.222	127	159131	20.973	ng/u1	100
33) Hexachlorobutadiene	10.393	225	88842	28.273	ng/u1	100
34) Caprolactam	10.993	113	37917m	20.514	ng/u1	100
35) 4-Chloro-3-methylphenol	11.363	107	135603	24.606	ng/u1	100
36) 2-Methylnaphthalene	11.728	142	294359	23.382	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.952	142	298747	23.294	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.110	216	173360	24.005	ng/ul	100
40) Hexachlorocyclopentadiene	12.099	237	87017	22.802	ng/ul	100
41) 2,4,6-Trichlorophenol	12.369	196	113951	26.379	ng/ul	100
42) 2,4,5-Trichlorophenol	12.440	196	127439	26.471	ng/ul	100
43) 1,1'-Biphenyl	12.781	154	400521	20.728	ng/ul	100
44) 2-Chloronaphthalene	12.816	162	327536	21.456	ng/ul	100
45) 2-Nitroaniline	13.034	65	65442	17.254	ng/ul	100
47) Dimethylphthalate	13.440	163	423766	22.978	ng/ul	100
48) 2,6-Dinitrotoluene	13.557	165	73267	22.996	ng/ul	100
50) Acenaphthylene	13.675	152	497738	20.750	ng/ul	100
51) 3-Nitroaniline	13.881	138	76148	19.474	ng/ul	100
52) Acenaphthene	14.028	153	354237	21.138	ng/ul	100
53) 2,4-Dinitrophenol	14.093	184	44613	30.301	ng/ul	100
55) 4-Nitrophenol	14.210	109	67435	25.866	ng/ul	100
56) Dibenzofuran	14.369	168	506364	22.399	ng/ul	100
57) 2,4-Dinitrotoluene	14.351	165	118622	25.346	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.604	232	110463	30.328	ng/ul	100
59) Diethylphthalate	14.834	149	419801	22.615	ng/ul	100
61) Fluorene	15.028	166	410316	22.501	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.034	204	206645	24.509	ng/ul	100
63) 4-Nitroaniline	15.057	138	79340	20.470	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.122	198	77686	27.631	ng/ul	100
67) N-Nitrosodiphenylamine	15.251	169	358324	20.289	ng/ul	100
68) 4-Bromophenyl-phenylether	15.934	248	136749	23.790	ng/ul	100
69) Hexachlorobenzene	16.034	284	162515	24.339	ng/ul	100
70) Atrazine	16.228	200	136614	22.439	ng/ul	100
71) Pentachlorophenol	16.387	266	106324	27.908	ng/ul	100
72) Phenanthrene	16.769	178	684222	21.446	ng/ul	100
74) Anthracene	16.863	178	691532	21.079	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.734	216	178209	22.058	ng/uL	100
76) Pentachlorobenzene	14.287	250	181386	23.183	ng/uL	100
77) Carbazole	17.139	167	627593	20.965	ng/ul	100
78) Di-n-butylphthalate	17.739	149	683347	19.769	ng/ul	100
80) Fluoranthene	18.810	202	819065	21.372	ng/ul	100
82) Pyrene	19.181	202	855088	21.110	ng/ul	100
83) Butylbenzylphthalate	20.133	149	243142	17.033	ng/ul	100
84) 3,3'-Dichlorobenzidine	20.910	252	248977	20.283	ng/ul	100
85) Benzo(a)anthracene	20.963	228	864626	21.767	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	20.939	149	389353	17.230	ng/ul	100
87) Chrysene	21.022	228	849428	22.351	ng/ul	100
89) Di-n-octyl phthalate	21.969	149	646651	16.184	ng/ul	100
90) Benzo(b)fluoranthene	22.822	252	902737	22.849	ng/ul	100
91) Benzo(k)fluoranthene	22.874	252	898565	22.344	ng/ul	100
93) Benzo(a)pyrene	23.533	252	828291	21.864	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.598	276	968671	20.749	ng/ul	100
95) Dibenzo(a,h)anthracene	26.651	278	801170	21.067	ng/ul	100
96) Benzo(g,h,i)perylene	27.510	276	728037	20.279	ng/ul	100

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

