

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120224\
 Data File : BN035398.D
 Acq On : 03 Dec 2024 00:46
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020348

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 03 01:15:06 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Dec 02 18:25:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	73451	20.000	ng/u1	0.00
20) Naphthalene-d8	10.052	136	320311	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.963	164	246021	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.728	188	549059	20.000	ng/u1	0.00
79) Chrysene-d12	20.981	240	569499	20.000	ng/u1	0.00
88) Perylene-d12	23.651	264	680797	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.964	96	13561	8.724	ng/uL	0.00
4) Pyridine-d5	3.340	84	89288	21.791	ng/u1	0.00
7) Phenol-d5	6.505	99	111547	21.318	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	63021	21.597	ng/u1	0.00
11) 2-Chlorophenol-d4	6.840	132	93837	21.163	ng/u1	0.00
15) 4-Methylphenol-d8	8.017	113	97727	21.431	ng/u1	0.00
21) Nitrobenzene-d5	8.440	128	44031	21.158	ng/u1	0.00
24) 2-Nitrophenol-d4	9.152	143	51781	21.497	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.687	165	113055	21.475	ng/u1	0.00
31) 4-Chloroaniline-d4	10.199	131	143893	22.136	ng/u1	0.00
46) Dimethylphthalate-d6	13.393	166	368930	20.884	ng/u1	0.00
49) Acenaphthylene-d8	13.646	160	413051	21.232	ng/u1	0.00
54) 4-Nitrophenol-d4	14.199	143	63574	21.855	ng/u1	0.00
60) Fluorene-d10	14.969	176	317668	20.823	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	60399	20.858	ng/u1	0.00
73) Anthracene-d10	16.828	188	517962	21.388	ng/u1	0.00
81) Pyrene-d10	19.145	212	613073	20.382	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.469	264	699605	21.222	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.993	88	13416	7.697	ng/uL	95
5) Pyridine	3.358	79	91146	22.183	ng/u1	95
6) Benzaldehyde	6.464	77	74266	26.314	ng/u1	98
8) Phenol	6.528	94	117069	21.602	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.752	93	90538	21.340	ng/u1	98
12) 2-Chlorophenol	6.875	128	96154	20.837	ng/u1	100
13) 2-Methylphenol	7.752	108	90198	21.436	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	7.828	45	71798	21.411	ng/u1	98
16) Acetophenone	8.116	105	159371	22.130	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.111	70	74215	21.677	ng/u1	99
18) 4-Methylphenol	8.081	108	103243	22.082	ng/u1	96
19) Hexachloroethane	8.352	117	39993	20.285	ng/u1	97
22) Nitrobenzene	8.481	77	111328	21.298	ng/u1	100
23) Isophorone	9.005	82	221657	21.161	ng/u1	99
25) 2-Nitrophenol	9.181	139	59066	21.644	ng/u1	98
26) 2,4-Dimethylphenol	9.263	107	115644	21.141	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.499	93	132063	20.697	ng/u1	99
29) 2,4-Dichlorophenol	9.711	162	114093	21.418	ng/u1	98
30) Naphthalene	10.099	128	337416	20.728	ng/u1	99
32) 4-Chloroaniline	10.222	127	138602	22.258	ng/u1	99
33) Hexachlorobutadiene	10.393	225	77503	20.616	ng/u1	99
34) Caprolactam	10.987	113	33399m	21.700	ng/u1	
35) 4-Chloro-3-methylphenol	11.363	107	116711	21.033	ng/u1	99
36) 2-Methylnaphthalene	11.722	142	255590	21.085	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.952	142	258032	20.764	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.110	216	148374	20.464	ng/ul	99
40) Hexachlorocyclopentadiene	12.093	237	75484	20.724	ng/ul	90
41) 2,4,6-Trichlorophenol	12.363	196	101215	21.527	ng/ul	93
42) 2,4,5-Trichlorophenol	12.434	196	109821	20.964	ng/ul	95
43) 1,1'-Biphenyl	12.781	154	347650	20.475	ng/ul	96
44) 2-Chloronaphthalene	12.810	162	279676	20.593	ng/ul	97
45) 2-Nitroaniline	13.034	65	59738	22.380	ng/ul	92
47) Dimethylphthalate	13.440	163	374312	21.180	ng/ul	100
48) 2,6-Dinitrotoluene	13.552	165	65210	22.139	ng/ul	94
50) Acenaphthylene	13.675	152	431889	20.887	ng/ul	98
51) 3-Nitroaniline	13.881	138	67041	21.976	ng/ul	98
52) Acenaphthene	14.028	153	307867	20.686	ng/ul	98
53) 2,4-Dinitrophenol	14.093	184	39136	19.022	ng/ul	98
55) 4-Nitrophenol	14.210	109	60910	22.170	ng/ul	94
56) Dibenzofuran	14.369	168	436321	20.619	ng/ul	98
57) 2,4-Dinitrotoluene	14.346	165	105054	22.476	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.604	232	95265	20.875	ng/ul	98
59) Diethylphthalate	14.834	149	363494	21.046	ng/ul	99
61) Fluorene	15.028	166	358641	21.038	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.034	204	181886	20.882	ng/ul	99
63) 4-Nitroaniline	15.057	138	72921	24.648	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.122	198	69385	22.115	ng/ul	99
67) N-Nitrosodiphenylamine	15.251	169	311523	21.357	ng/ul	97
68) 4-Bromophenyl-phenylether	15.934	248	118021	21.255	ng/ul	95
69) Hexachlorobenzene	16.034	284	137897	20.921	ng/ul	97
70) Atrazine	16.228	200	118021	22.654	ng/ul	96
71) Pentachlorophenol	16.381	266	92158	22.023	ng/ul	99
72) Phenanthrene	16.769	178	597302	21.129	ng/ul	99
74) Anthracene	16.863	178	606838	21.261	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.734	216	153991	21.153	ng/uL	97
76) Pentachlorobenzene	14.287	250	158602	21.163	ng/uL	95
77) Carbazole	17.140	167	550794	23.191	ng/ul	99
78) Di-n-butylphthalate	17.740	149	613642	22.195	ng/ul	99
80) Fluoranthene	18.810	202	730852	20.703	ng/ul	99
82) Pyrene	19.181	202	773694	20.436	ng/ul	98
83) Butylbenzylphthalate	20.134	149	224673	21.056	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.910	252	224348	22.095	ng/ul	95
85) Benzo(a)anthracene	20.963	228	773538	20.233	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.939	149	356385	21.182	ng/ul	97
87) Chrysene	21.022	228	740101	20.091	ng/ul	99
89) Di-n-octyl phthalate	21.969	149	604514	19.534	ng/ul	100
90) Benzo(b)fluoranthene	22.822	252	810408	20.652	ng/ul	98
91) Benzo(k)fluoranthene	22.875	252	839334	20.888	ng/ul	100
93) Benzo(a)pyrene	23.533	252	774279	21.023	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.604	276	943462	21.475	ng/ul	97
95) Dibenzo(a,h)anthracene	26.651	278	763421	21.447	ng/ul	98
96) Benzo(g,h,i)perylene	27.510	276	701085	21.026	ng/ul	100

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

