

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
 Data File : BN029916.D
 Acq On : 22 Feb 2024 07:49
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020318

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/22/2024
 Supervised By :mohammad ahmed 02/24/2024

Quant Time: Feb 22 08:16:08 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Feb 21 22:34:54 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	204294	20.000	ng/u1	0.00
20) Naphthalene-d8	10.652	136	851270	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	462116	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	1007951	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	887856	20.000	ng/u1	0.00
88) Perylene-d12	23.821	264	988455	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	45267	7.288	ng/uL	0.00
4) Pyridine-d5	3.723	84	306373	18.496	ng/u1	0.00
7) Phenol-d5	7.022	99	370046	19.365	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	245077	19.217	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	284320	20.533	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	283318	19.881	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	136773	20.701	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	133144	23.139	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	244521	21.529	ng/u1	0.00
31) 4-Chloroaniline-d4	10.799	131	366588	18.919	ng/u1	0.00
46) Dimethylphthalate-d6	13.928	166	725824	21.096	ng/u1	0.00
49) Acenaphthylene-d8	14.193	160	816644	19.987	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	129723	19.866	ng/u1	0.00
60) Fluorene-d10	15.498	176	596881	20.393	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	95170	19.378	ng/u1	0.00
73) Anthracene-d10	17.351	188	984443	20.840	ng/u1	0.00
81) Pyrene-d10	19.651	212	1070820	20.098	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.669	264	1011924	20.459	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	48284	7.506	ng/uL	97
5) Pyridine	3.746	79	316608	18.476	ng/u1	95
6) Benzaldehyde	7.005	77	213829	24.964	ng/u1	96
8) Phenol	7.052	94	378060	19.304	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.293	93	314083	19.072	ng/u1	99
12) 2-Chlorophenol	7.416	128	297069	20.448	ng/u1	97
13) 2-Methylphenol	8.305	108	274446	19.420	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.387	45	417950	19.433	ng/u1	99
16) Acetophenone	8.687	105	450393	19.858	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.675	70	244869	20.911	ng/u1	97
18) 4-Methylphenol	8.634	108	291996	19.553	ng/u1	97
19) Hexachloroethane	8.922	117	130508	19.358	ng/u1	97
22) Nitrobenzene	9.069	77	368606	19.690	ng/u1	99
23) Isophorone	9.593	82	648299	19.882	ng/u1	99
25) 2-Nitrophenol	9.775	139	148591	22.613	ng/u1	98
26) 2,4-Dimethylphenol	9.834	107	313186	19.887	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.081	93	401867	19.393	ng/u1	99
29) 2,4-Dichlorophenol	10.305	162	248504	21.174	ng/u1	98
30) Naphthalene	10.705	128	944745	19.416	ng/u1	99
32) 4-Chloroaniline	10.828	127	361902	18.920	ng/u1	97
33) Hexachlorobutadiene	10.975	225	149981	20.707	ng/u1	94
34) Caprolactam	11.604	113	81579m	20.889	ng/u1	
35) 4-Chloro-3-methylphenol	11.952	107	287417	21.203	ng/u1	100
36) 2-Methylnaphthalene	12.316	142	599441	20.097	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	595124	20.125	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	273185	19.944	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	142640	15.931	ng/ul	96
41) 2,4,6-Trichlorophenol	12.934	196	174343	22.082	ng/ul	98
42) 2,4,5-Trichlorophenol	12.999	196	198557	22.382	ng/ul	97
43) 1,1'-Biphenyl	13.334	154	759583	19.490	ng/ul	97
44) 2-Chloronaphthalene	13.375	162	587688	19.403	ng/ul	98
45) 2-Nitroaniline	13.593	65	195981	22.008	ng/ul	95
47) Dimethylphthalate	13.969	163	759907	21.577	ng/ul	100
48) 2,6-Dinitrotoluene	14.093	165	141563	22.463	ng/ul	96
50) Acenaphthylene	14.222	152	963743	19.654	ng/ul	99
51) 3-Nitroaniline	14.422	138	156831	21.382	ng/ul	97
52) Acenaphthene	14.563	153	635980	19.634	ng/ul	93
53) 2,4-Dinitrophenol	14.628	184	59470	18.595	ng/ul	95
55) 4-Nitrophenol	14.728	109	123424	20.671	ng/ul	98
56) Dibenzofuran	14.898	168	852686	19.935	ng/ul	96
57) 2,4-Dinitrotoluene	14.881	165	217279	24.489	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.128	232	154535	24.544	ng/ul	91
59) Diethylphthalate	15.340	149	804787	22.246	ng/ul	99
61) Fluorene	15.551	166	714556	21.134	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.551	204	331271	21.906	ng/ul	93
63) 4-Nitroaniline	15.587	138	159891m	24.153	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.640	198	108207	19.984	ng/ul	97
67) N-Nitrosodiphenylamine	15.769	169	609577	19.407	ng/ul	98
68) 4-Bromophenyl-phenylether	16.451	248	198845	20.843	ng/ul	89
69) Hexachlorobenzene	16.545	284	227485	21.155	ng/ul	99
70) Atrazine	16.734	200	201100	20.493	ng/ul	100
71) Pentachlorophenol	16.898	266	139694	22.369	ng/ul	94
72) Phenanthrene	17.298	178	1154586	19.802	ng/ul	99
74) Anthracene	17.387	178	1179981	20.165	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.293	216	262330	17.736	ng/uL	97
76) Pentachlorobenzene	14.816	250	257670	19.455	ng/uL	97
77) Carbazole	17.663	167	1067872	19.980	ng/ul	99
78) Di-n-butylphthalate	18.239	149	1385483	21.557	ng/ul	99
80) Fluoranthene	19.316	202	1278542	19.754	ng/ul	100
82) Pyrene	19.681	202	1339667	19.566	ng/ul	98
83) Butylbenzylphthalate	20.604	149	612190	21.938	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.380	252	340696	19.811	ng/ul	93
85) Benzo(a)anthracene	21.439	228	1326881	20.344	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	961978	22.286	ng/ul	99
87) Chrysene	21.492	228	1212804	19.842	ng/ul	97
89) Di-n-octyl phthalate	22.316	149	1555879	20.306	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	1285662	20.650	ng/ul	98
91) Benzo(k)fluoranthene	23.151	252	1245337	19.542	ng/ul	98
93) Benzo(a)pyrene	23.716	252	1228986	20.584	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.263	276	1374564	18.906	ng/ul	94
95) Dibenzo(a,h)anthracene	26.286	278	1124214	18.940	ng/ul	99
96) Benzo(g,h,i)perylene	27.010	276	1128119	18.551	ng/ul	94

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

