

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031224\
 Data File : BN030374.D
 Acq On : 12 Mar 2024 16:56
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020325

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024

Quant Time: Mar 13 00:29:20 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 08 13:57:34 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	85989	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	369460	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	244870	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	549789	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	547812	20.000	ng/u1	0.00
88) Perylene-d12	23.792	264	576026	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	18587	7.295	ng/uL	0.00
4) Pyridine-d5	3.675	84	112934	18.567	ng/u1	0.00
7) Phenol-d5	6.964	99	140595	18.428	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	73232	16.905	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	122430	20.033	ng/u1	0.00
15) 4-Methylphenol-d8	8.511	113	121327	20.177	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	62058	20.130	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	66180	20.476	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	121609	21.097	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	181522	21.217	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	404659	20.496	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	444144	19.858	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	71651	20.468	ng/u1	0.00
60) Fluorene-d10	15.451	176	339070	20.935	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	68214	19.864	ng/u1	0.00
73) Anthracene-d10	17.310	188	553665	20.739	ng/u1	0.00
81) Pyrene-d10	19.622	212	640819	18.420	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	596552	19.772	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	18868	7.715	ng/uL	93
5) Pyridine	3.693	79	117415	18.974	ng/u1	98
6) Benzaldehyde	6.946	77	81288m	22.860	ng/u1	
8) Phenol	6.987	94	137768	18.147	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.234	93	106242	17.510	ng/u1	98
12) 2-Chlorophenol	7.358	128	124455	19.791	ng/u1	96
13) 2-Methylphenol	8.240	108	111019	19.505	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.328	45	86663m	15.709	ng/u1	
16) Acetophenone	8.628	105	194103	20.083	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.616	70	93449	20.208	ng/u1	93
18) 4-Methylphenol	8.569	108	120449	20.027	ng/u1	98
19) Hexachloroethane	8.858	117	57056	19.530	ng/u1	94
22) Nitrobenzene	9.005	77	149573	18.802	ng/u1	96
23) Isophorone	9.528	82	266800	19.400	ng/u1	99
25) 2-Nitrophenol	9.710	139	70861	20.351	ng/u1	96
26) 2,4-Dimethylphenol	9.775	107	145924	20.304	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.022	93	149880	18.580	ng/u1	98
29) 2,4-Dichlorophenol	10.234	162	121985	21.070	ng/u1	99
30) Naphthalene	10.640	128	422793	20.047	ng/u1	98
32) 4-Chloroaniline	10.763	127	169604	20.382	ng/u1	98
33) Hexachlorobutadiene	10.916	225	84138	20.833	ng/u1	96
34) Caprolactam	11.546	113	37722m	21.881	ng/u1	
35) 4-Chloro-3-methylphenol	11.887	107	145546	22.216	ng/u1	94
36) 2-Methylnaphthalene	12.257	142	294715	21.457	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	286687	21.113	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.628	216	144741	18.718	ng/ul	95
40) Hexachlorocyclopentadiene	12.599	237	102657	17.724	ng/ul	92
41) 2,4,6-Trichlorophenol	12.875	196	99211	20.223	ng/ul	95
42) 2,4,5-Trichlorophenol	12.946	196	109397	20.406	ng/ul	93
43) 1,1'-Biphenyl	13.281	154	391175	18.928	ng/ul	96
44) 2-Chloronaphthalene	13.322	162	309468	19.281	ng/ul	99
45) 2-Nitroaniline	13.540	65	93214	20.143	ng/ul	95
47) Dimethylphthalate	13.922	163	413712	20.618	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	80425	20.755	ng/ul	98
50) Acenaphthylene	14.169	152	513135	19.719	ng/ul	99
51) 3-Nitroaniline	14.375	138	81003	21.333	ng/ul	93
52) Acenaphthene	14.516	153	344513	19.982	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	43708	20.074	ng/ul	94
55) 4-Nitrophenol	14.681	109	91119	22.960	ng/ul	90
56) Dibenzofuran	14.851	168	465646	20.248	ng/ul	94
57) 2,4-Dinitrotoluene	14.834	165	123972	22.417	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.081	232	93739	21.726	ng/ul	95
59) Diethylphthalate	15.298	149	459754	21.437	ng/ul	99
61) Fluorene	15.504	166	400755	21.109	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.504	204	188633	20.755	ng/ul	95
63) 4-Nitroaniline	15.540	138	83226m	23.674	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	72089	19.455	ng/ul	96
67) N-Nitrosodiphenylamine	15.722	169	336207	19.382	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	116620	19.798	ng/ul#	85
69) Hexachlorobenzene	16.504	284	135805	21.052	ng/ul	94
70) Atrazine	16.692	200	129488	21.690	ng/ul	96
71) Pentachlorophenol	16.857	266	85441	19.573	ng/ul	96
72) Phenanthrene	17.257	178	642889	20.050	ng/ul	99
74) Anthracene	17.345	178	659709	20.226	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	144013	17.547	ng/uL	98
76) Pentachlorobenzene	14.763	250	144538	18.884	ng/uL	98
77) Carbazole	17.628	167	589946	20.367	ng/ul	100
78) Di-n-butylphthalate	18.204	149	847067	21.045	ng/ul	99
80) Fluoranthene	19.286	202	766803	17.988	ng/ul	97
82) Pyrene	19.651	202	803882	18.347	ng/ul	98
83) Butylbenzylphthalate	20.580	149	411388	19.599	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.363	252	261141	21.936	ng/ul	99
85) Benzo(a)anthracene	21.422	228	806972	19.630	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.375	149	624067	19.643	ng/ul	98
87) Chrysene	21.475	228	760872	19.957	ng/ul	98
89) Di-n-octyl phthalate	22.298	149	1059363	19.647	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	763810	20.111	ng/ul	96
91) Benzo(k)fluoranthene	23.127	252	793665	20.233	ng/ul	96
93) Benzo(a)pyrene	23.686	252	711446	19.792	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.215	276	749982	17.544	ng/ul	98
95) Dibenzo(a,h)anthracene	26.239	278	627131	17.996	ng/ul	98
96) Benzo(g,h,i)perylene	26.951	276	579111	16.726	ng/ul#	93

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

