

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051524\
 Data File : BN031527.D
 Acq On : 14 May 2024 16:30
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SICV244

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 02:39:51 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 15 02:37:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	326824	20.000	ng/u1	0.00
20) Naphthalene-d8	10.481	136	1439545	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	940235	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	1934403	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1962750	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	2278033	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	53416	6.732	ng/uL	0.00
4) Pyridine-d5	3.605	84	454670	18.742	ng/u1	0.00
7) Phenol-d5	6.858	99	536218	19.332	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	369806	20.365	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	398025	20.934	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	419186	19.681	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	203416	21.440	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	171294	23.924	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	393975	22.148	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	633969	20.038	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1238886	20.832	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1515100	20.852	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	236122	20.702	ng/u1	0.00
60) Fluorene-d10	15.328	176	1092113	20.080	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	128981	18.622	ng/u1	0.00
73) Anthracene-d10	17.181	188	1680797	20.321	ng/u1	0.00
81) Pyrene-d10	19.475	212	1983628	20.356	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	2125113	21.018	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	57092	6.742	ng/uL	96
5) Pyridine	3.623	79	391550	16.087	ng/u1	99
6) Benzaldehyde	6.846	77	320799	22.608	ng/u1	97
8) Phenol	6.887	94	548863	18.734	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.134	93	448128	18.271	ng/u1	95
12) 2-Chlorophenol	7.263	128	409212	19.742	ng/u1	98
13) 2-Methylphenol	8.134	108	397901	18.577	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	551045	17.299	ng/u1	99
16) Acetophenone	8.516	105	703481	19.434	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.505	70	348211	19.408	ng/u1	96
18) 4-Methylphenol	8.458	108	437202	18.933	ng/u1	98
19) Hexachloroethane	8.769	117	172411	18.285	ng/u1	97
22) Nitrobenzene	8.893	77	496881	18.758	ng/u1	97
23) Isophorone	9.416	82	962192	19.143	ng/u1	97
25) 2-Nitrophenol	9.599	139	194235	23.072	ng/u1	98
26) 2,4-Dimethylphenol	9.658	107	340431	15.075	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.905	93	607182	18.669	ng/u1	99
29) 2,4-Dichlorophenol	10.128	162	380558	21.050	ng/u1	98
30) Naphthalene	10.534	128	1400029	18.648	ng/u1	100
32) 4-Chloroaniline	10.646	127	594076	19.057	ng/u1	99
33) Hexachlorobutadiene	10.816	225	233180	19.339	ng/u1	97
34) Caprolactam	11.399	113	142549m	20.853	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	443708	21.166	ng/u1	99
36) 2-Methylnaphthalene	12.146	142	965595	19.776	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	905904	18.312	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	488073	19.748	ng/ul	98
40) Hexachlorocyclopentadiene	12.499	237	362707	26.962	ng/ul	96
41) 2,4,6-Trichlorophenol	12.757	196	276011	21.404	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	316936	21.023	ng/ul	98
43) 1,1'-Biphenyl	13.169	154	1276179	19.226	ng/ul	98
44) 2-Chloronaphthalene	13.210	162	957461	18.373	ng/ul	98
45) 2-Nitroaniline	13.416	65	275618	20.553	ng/ul	89
47) Dimethylphthalate	13.798	163	1199794	19.234	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	241177	22.697	ng/ul	97
50) Acenaphthylene	14.057	152	1610794	18.845	ng/ul	100
51) 3-Nitroaniline	14.240	138	286184	22.993	ng/ul	98
52) Acenaphthene	14.398	153	1032198	18.008	ng/ul	97
53) 2,4-Dinitrophenol	14.445	184	81205	17.941	ng/ul	98
55) 4-Nitrophenol	14.540	109	181136	19.656	ng/ul	96
56) Dibenzofuran	14.734	168	1490755	19.195	ng/ul	98
57) 2,4-Dinitrotoluene	14.698	165	327693	21.301	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.957	232	264503	24.219	ng/ul	99
59) Diethylphthalate	15.169	149	1202544	19.233	ng/ul	100
61) Fluorene	15.387	166	1211974	19.013	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.387	204	573010	18.837	ng/ul	96
63) 4-Nitroaniline	15.404	138	305563	24.351	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.457	198	142888	18.650	ng/ul	97
67) N-Nitrosodiphenylamine	15.598	169	1043000	19.883	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	347421	19.768	ng/ul	97
69) Hexachlorobenzene	16.381	284	411181	20.064	ng/ul	96
70) Atrazine	16.551	200	313130	20.250	ng/ul	99
71) Pentachlorophenol	16.722	266	207022	19.919	ng/ul	94
72) Phenanthrene	17.122	178	1902646	18.775	ng/ul	98
74) Anthracene	17.210	178	1909019	18.682	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.128	216	478215	19.548	ng/ul	99
76) Pentachlorobenzene	14.651	250	439841	18.571	ng/ul	98
77) Carbazole	17.481	167	1859920	20.219	ng/ul	98
78) Di-n-butylphthalate	18.063	149	2071528	20.430	ng/ul	99
80) Fluoranthene	19.139	202	2202493	19.163	ng/ul	100
82) Pyrene	19.504	202	2385403	19.163	ng/ul	97
83) Butylbenzylphthalate	20.422	149	864740	22.034	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.222	252	802578	22.188	ng/ul	97
85) Benzo(a)anthracene	21.292	228	2396814	18.577	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	1407040	21.820	ng/ul	97
87) Chrysene	21.351	228	2352909	19.502	ng/ul	98
89) Di-n-octyl phthalate	22.357	149	2167310	19.092	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	2480967	19.217	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	2481166	18.804	ng/ul	97
93) Benzo(a)pyrene	24.110	252	2361219	18.861	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.551	276	2833302	20.082	ng/ul	97
95) Dibenzo(a,h)anthracene	27.615	278	2292720	19.077	ng/ul	98
96) Benzo(g,h,i)perylene	28.580	276	2151455	18.883	ng/ul	97

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

