

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011624\
 Data File : BN029254.D
 Acq On : 16 Jan 2024 18:08
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020289

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

Quant Time: Jan 17 00:59:53 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jan 16 03:57:40 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	113778	20.000	ng/u1	0.00
20) Naphthalene-d8	10.745	136	522286	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.580	164	356883	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	803092	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	821719	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	934458	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	22408	8.134	ng/uL	0.00
4) Pyridine-d5	3.781	84	153854	18.106	ng/u1	0.00
7) Phenol-d5	7.104	99	192242	17.610	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	129374	18.790	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	147283	19.073	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	161250	18.320	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	75263	19.863	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	61545	19.586	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	150235	19.207	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	257694	18.204	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	561617	19.118	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	618131	18.684	ng/u1	0.00
54) 4-Nitrophenol-d4	14.780	143	89930	17.589	ng/u1	0.00
60) Fluorene-d10	15.575	176	482776	19.283	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	55196	16.343	ng/u1	0.00
73) Anthracene-d10	17.433	188	772272	19.129	ng/u1	0.00
81) Pyrene-d10	19.733	212	915116	20.041	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	916883	19.038	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	21627	7.738	ng/uL	99
5) Pyridine	3.799	79	157317	18.121	ng/u1	95
6) Benzaldehyde	7.087	77	120357m	24.566	ng/u1	
8) Phenol	7.128	94	200159	18.040	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.375	93	167742	18.627	ng/u1	99
12) 2-Chlorophenol	7.498	128	152063	18.916	ng/u1	97
13) 2-Methylphenol	8.387	108	152029	17.989	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	219803	19.087	ng/u1	99
16) Acetophenone	8.775	105	274329	18.395	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.757	70	152777	19.464	ng/u1	98
18) 4-Methylphenol	8.716	108	168553	18.533	ng/u1	96
19) Hexachloroethane	9.016	117	71073	19.475	ng/u1	96
22) Nitrobenzene	9.151	77	213038	20.337	ng/u1	99
23) Isophorone	9.675	82	430317	19.326	ng/u1	99
25) 2-Nitrophenol	9.863	139	73256	19.911	ng/u1	98
26) 2,4-Dimethylphenol	9.922	107	190870	19.404	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.169	93	242121	19.318	ng/u1	99
29) 2,4-Dichlorophenol	10.392	162	154441	20.077	ng/u1	99
30) Naphthalene	10.798	128	570763	19.165	ng/u1	99
32) 4-Chloroaniline	10.910	127	248044	18.012	ng/u1	99
33) Hexachlorobutadiene	11.069	225	104253	19.202	ng/u1	96
34) Caprolactam	11.681	113	55934m	17.941	ng/u1	
35) 4-Chloro-3-methylphenol	12.034	107	181730	19.913	ng/u1	97
36) 2-Methylnaphthalene	12.404	142	403434	19.371	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	399447	19.330	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	212246	19.083	ng/ul	96
40) Hexachlorocyclopentadiene	12.745	237	124760	16.753	ng/ul	96
41) 2,4,6-Trichlorophenol	13.010	196	119781	19.435	ng/ul	99
42) 2,4,5-Trichlorophenol	13.081	196	137364	19.853	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	545251	18.959	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	427279	19.018	ng/ul	96
45) 2-Nitroaniline	13.669	65	124140	20.846	ng/ul	99
47) Dimethylphthalate	14.051	163	569216	19.028	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	98163	20.296	ng/ul	99
50) Acenaphthylene	14.304	152	732609	19.086	ng/ul	99
51) 3-Nitroaniline	14.498	138	102864	19.580	ng/ul	96
52) Acenaphthene	14.645	153	479708	19.040	ng/ul	98
53) 2,4-Dinitrophenol	14.698	184	33332	16.126	ng/ul	97
55) 4-Nitrophenol	14.792	109	88801	18.960	ng/ul	99
56) Dibenzofuran	14.980	168	652145	19.137	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	147032	20.759	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.204	232	106686	18.689	ng/ul#	96
59) Diethylphthalate	15.422	149	596970	19.130	ng/ul	98
61) Fluorene	15.633	166	558922	18.940	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.633	204	277034	19.212	ng/ul	98
63) 4-Nitroaniline	15.657	138	110092	21.281	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.710	198	62641	16.107	ng/ul	96
67) N-Nitrosodiphenylamine	15.851	169	466846	19.172	ng/ul	98
68) 4-Bromophenyl-phenylether	16.533	248	119943	13.362	ng/ul	96
69) Hexachlorobenzene	16.627	284	202392	18.733	ng/ul	96
70) Atrazine	16.810	200	165014	17.847	ng/ul	97
71) Pentachlorophenol	16.974	266	96310	16.499	ng/ul	99
72) Phenanthrene	17.374	178	891841	19.140	ng/ul	99
74) Anthracene	17.469	178	922234	19.060	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	209859	19.327	ng/uL	95
76) Pentachlorobenzene	14.892	250	218530	19.443	ng/uL	94
77) Carbazole	17.745	167	833086	18.619	ng/ul	98
78) Di-n-butylphthalate	18.321	149	1059232	19.413	ng/ul	99
80) Fluoranthene	19.398	202	1059343	19.635	ng/ul	97
82) Pyrene	19.757	202	1131588	19.747	ng/ul	99
83) Butylbenzylphthalate	20.686	149	428173	19.109	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.457	252	349748	18.346	ng/ul	97
85) Benzo(a)anthracene	21.521	228	1162596	19.200	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.474	149	716938	19.378	ng/ul	99
87) Chrysene	21.574	228	1083437	19.346	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	1130233	17.158	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1148313	19.378	ng/ul	98
91) Benzo(k)fluoranthene	23.268	252	1148310	19.447	ng/ul	98
93) Benzo(a)pyrene	23.845	252	1088558	19.374	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.456	276	1346191	18.930	ng/ul	99
95) Dibenzo(a,h)anthracene	26.486	278	1090134	18.382	ng/ul	99
96) Benzo(g,h,i)perylene	27.215	276	1038109	18.281	ng/ul	95

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

