

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011724\
 Data File : BN029283.D
 Acq On : 17 Jan 2024 22:25
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020293

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024

Quant Time: Jan 18 00:43:41 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	7.940	152	166971	20.000	ng/u1	0.00
20) Naphthalene-d8	10.745	136	766552	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	518271	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	1212399	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1148814	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	1291586	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	29324	7.253	ng/uL	0.00
4) Pyridine-d5	3.781	84	220915	17.715	ng/u1	0.00
7) Phenol-d5	7.099	99	287058	17.918	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	188313	18.637	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	219283	19.350	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	233601	18.085	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	113280	20.370	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	96788	20.987	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	221772	19.318	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	366631	17.646	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	823216	19.296	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	870937	18.128	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	144600	19.475	ng/u1	0.00
60) Fluorene-d10	15.575	176	685378	18.851	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	91846	18.014	ng/u1	0.00
73) Anthracene-d10	17.427	188	1128059	18.509	ng/u1	0.00
81) Pyrene-d10	19.727	212	1299711	20.360	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	1285817	19.316	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	31474	7.674	ng/uL	95
5) Pyridine	3.799	79	225651	17.712	ng/u1	96
6) Benzaldehyde	7.087	77	172519m	23.995	ng/u1	
8) Phenol	7.128	94	289745	17.795	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.375	93	242212	18.328	ng/u1	98
12) 2-Chlorophenol	7.499	128	227793	19.310	ng/u1	97
13) 2-Methylphenol	8.381	108	222630	17.950	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.469	45	319468	18.904	ng/u1	99
16) Acetophenone	8.769	105	396439	18.114	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.757	70	217416	18.875	ng/u1	98
18) 4-Methylphenol	8.716	108	241781	18.115	ng/u1	97
19) Hexachloroethane	9.016	117	102127	19.069	ng/u1	97
22) Nitrobenzene	9.151	77	304739	19.821	ng/u1	97
23) Isophorone	9.675	82	613454	18.772	ng/u1	99
25) 2-Nitrophenol	9.857	139	113096	20.944	ng/u1	99
26) 2,4-Dimethylphenol	9.922	107	280369	19.420	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.169	93	347099	18.869	ng/u1	98
29) 2,4-Dichlorophenol	10.387	162	217996	19.309	ng/u1	97
30) Naphthalene	10.793	128	811527	18.566	ng/u1	100
32) 4-Chloroaniline	10.910	127	359132	17.769	ng/u1	100
33) Hexachlorobutadiene	11.069	225	147105	18.461	ng/u1	99
34) Caprolactam	11.681	113	88026m	19.238	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	273675	20.432	ng/u1	98
36) 2-Methylnaphthalene	12.404	142	565081	18.487	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	565149	18.634	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	290054	17.958	ng/ul	94
40) Hexachlorocyclopentadiene	12.739	237	170314	15.748	ng/ul	95
41) 2,4,6-Trichlorophenol	13.010	196	177756	19.860	ng/ul	99
42) 2,4,5-Trichlorophenol	13.075	196	200457	19.950	ng/ul	98
43) 1,1'-Biphenyl	13.416	154	769907	18.434	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	590875	18.110	ng/ul	99
45) 2-Nitroaniline	13.669	65	196905	22.769	ng/ul	98
47) Dimethylphthalate	14.051	163	837773	19.284	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	157753	22.460	ng/ul	95
50) Acenaphthylene	14.304	152	1030168	18.480	ng/ul	100
51) 3-Nitroaniline	14.492	138	163588	21.442	ng/ul	98
52) Acenaphthene	14.645	153	667084	18.232	ng/ul	96
53) 2,4-Dinitrophenol	14.698	184	56822	18.930	ng/ul	95
55) 4-Nitrophenol	14.798	109	141873	20.858	ng/ul	95
56) Dibenzofuran	14.981	168	936802	18.930	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	232522	22.606	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.204	232	169048	20.392	ng/ul#	94
59) Diethylphthalate	15.416	149	898583	19.828	ng/ul	99
61) Fluorene	15.628	166	805069	18.785	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	389619	18.606	ng/ul	97
63) 4-Nitroaniline	15.657	138	172178	22.918	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.710	198	104907	17.868	ng/ul#	99
67) N-Nitrosodiphenylamine	15.845	169	693640	18.869	ng/ul	97
68) 4-Bromophenyl-phenylether	16.528	248	158145	11.670	ng/ul	97
69) Hexachlorobenzene	16.622	284	288732	17.702	ng/ul#	91
70) Atrazine	16.804	200	240048	17.198	ng/ul	96
71) Pentachlorophenol	16.975	266	150581	17.087	ng/ul	95
72) Phenanthrene	17.375	178	1311496	18.644	ng/ul	99
74) Anthracene	17.469	178	1355782	18.561	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	283263	17.280	ng/uL	93
76) Pentachlorobenzene	14.892	250	302900	17.851	ng/uL	98
77) Carbazole	17.739	167	1224646	18.130	ng/ul	99
78) Di-n-butylphthalate	18.322	149	1593164	19.341	ng/ul	99
80) Fluoranthene	19.392	202	1558628	20.664	ng/ul	99
82) Pyrene	19.757	202	1600736	19.980	ng/ul	99
83) Butylbenzylphthalate	20.680	149	687937	21.960	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.457	252	483540	18.142	ng/ul	94
85) Benzo(a)anthracene	21.515	228	1618198	19.115	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.468	149	1057443	20.443	ng/ul	99
87) Chrysene	21.568	228	1475004	18.838	ng/ul	98
89) Di-n-octyl phthalate	22.415	149	1714521	18.831	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1600780	19.544	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	1597188	19.570	ng/ul	98
93) Benzo(a)pyrene	23.839	252	1482425	19.089	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.451	276	1775244	18.061	ng/ul	97
95) Dibenzo(a,h)anthracene	26.480	278	1509554	18.417	ng/ul	96
96) Benzo(g,h,i)perylene	27.209	276	1404382	17.893	ng/ul	96

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

