

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
 Data File : BN034432.D
 Acq On : 05 Oct 2024 21:32
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020336

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024

Quant Time: Oct 07 00:46:42 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 30 14:14:38 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	191180	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.128	136	761808	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.028	164	497569	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.786	188	1045214	20.000	ng/u1	-0.01
79) Chrysene-d12	21.022	240	1018174	20.000	ng/u1	-0.01
88) Perylene-d12	23.727	264	1100401	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	34356	7.333	ng/uL	0.00
4) Pyridine-d5	3.381	84	228805	16.431	ng/u1	0.00
7) Phenol-d5	6.575	99	280706	16.544	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	171892	16.328	ng/u1	0.00
11) 2-Chlorophenol-d4	6.916	132	250957	18.790	ng/u1	-0.01
15) 4-Methylphenol-d8	8.093	113	235637	16.878	ng/u1	-0.01
21) Nitrobenzene-d5	8.522	128	119666	19.708	ng/u1	0.00
24) 2-Nitrophenol-d4	9.234	143	125765	20.142	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.763	165	237909	20.232	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.281	131	328273	18.440	ng/u1	-0.01
46) Dimethylphthalate-d6	13.457	166	714792	19.223	ng/u1	-0.01
49) Acenaphthylene-d8	13.716	160	802956	19.195	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.263	143	122756	16.086	ng/u1	-0.01
60) Fluorene-d10	15.034	176	591354	18.765	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	111204	17.844	ng/u1	0.00
73) Anthracene-d10	16.886	188	927701	18.879	ng/u1	-0.01
81) Pyrene-d10	19.198	212	1083601	19.101	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.539	264	1052154	18.614	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.028	88	36693	7.425	ng/uL	94
5) Pyridine	3.399	79	238792	16.757	ng/u1	93
6) Benzaldehyde	6.534	77	143404	16.011	ng/u1	96
8) Phenol	6.605	94	283462	16.046	ng/u1	93
10) Bis(2-Chloroethyl)ether	6.822	93	238891	17.399	ng/u1	96
12) 2-Chlorophenol	6.952	128	248955	18.189	ng/u1	94
13) 2-Methylphenol	7.828	108	219159	16.598	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	7.905	45	314091	15.512	ng/u1	96
16) Acetophenone	8.193	105	356857	16.136	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.181	70	168950	15.427	ng/u1	96
18) 4-Methylphenol	8.158	108	242009	16.469	ng/u1	97
19) Hexachloroethane	8.428	117	107742	18.663	ng/u1	95
22) Nitrobenzene	8.563	77	266532	17.537	ng/u1	93
23) Isophorone	9.087	82	495174	17.668	ng/u1	95
25) 2-Nitrophenol	9.263	139	137553	19.684	ng/u1	93
26) 2,4-Dimethylphenol	9.340	107	255114	17.745	ng/u1	91
27) Bis(2-Chloroethoxy)met...	9.575	93	325178	18.857	ng/u1	99
29) 2,4-Dichlorophenol	9.793	162	234079	19.660	ng/u1	97
30) Naphthalene	10.181	128	805594	19.333	ng/u1	99
32) 4-Chloroaniline	10.304	127	314205	17.910	ng/u1	100
33) Hexachlorobutadiene	10.469	225	155107	20.306	ng/u1	97
34) Caprolactam	11.075	113	70508m	14.874	ng/u1	
35) 4-Chloro-3-methylphenol	11.446	107	236794	16.893	ng/u1	93
36) 2-Methylnaphthalene	11.804	142	535093	18.642	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.028	142	562865	19.373	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.187	216	294053	20.471	ng/ul	97
40) Hexachlorocyclopentadiene	12.169	237	163827	18.536	ng/ul	98
41) 2,4,6-Trichlorophenol	12.440	196	182690	19.185	ng/ul	98
42) 2,4,5-Trichlorophenol	12.510	196	200984	19.214	ng/ul	97
43) 1,1'-Biphenyl	12.851	154	699476	18.646	ng/ul	99
44) 2-Chloronaphthalene	12.887	162	558117	19.098	ng/ul	97
45) 2-Nitroaniline	13.104	65	147505	15.620	ng/ul	91
47) Dimethylphthalate	13.504	163	717254	18.926	ng/ul	98
48) 2,6-Dinitrotoluene	13.622	165	144103	19.310	ng/ul	89
50) Acenaphthylene	13.745	152	897280	19.602	ng/ul	99
51) 3-Nitroaniline	13.951	138	132762	16.098	ng/ul	98
52) Acenaphthene	14.092	153	602662	18.441	ng/ul	99
53) 2,4-Dinitrophenol	14.163	184	88724	20.214	ng/ul#	84
55) 4-Nitrophenol	14.281	109	90656	13.988	ng/ul	90
56) Dibenzofuran	14.434	168	841184	18.823	ng/ul	96
57) 2,4-Dinitrotoluene	14.416	165	214233	19.042	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.669	232	176445	20.328	ng/ul	92
59) Diethylphthalate	14.887	149	721833	18.227	ng/ul	97
61) Fluorene	15.087	166	697134	19.069	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.098	204	337915	19.070	ng/ul	95
63) 4-Nitroaniline	15.122	138	128009m	15.084	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.181	198	118092	17.064	ng/ul#	99
67) N-Nitrosodiphenylamine	15.316	169	583271	18.623	ng/ul	95
68) 4-Bromophenyl-phenylether	15.992	248	215351	20.290	ng/ul	95
69) Hexachlorobenzene	16.098	284	255004	20.700	ng/ul#	88
70) Atrazine	16.281	200	190108	16.753	ng/ul	99
71) Pentachlorophenol	16.445	266	151704	18.490	ng/ul	98
72) Phenanthrene	16.828	178	1081304	18.762	ng/ul	98
74) Anthracene	16.922	178	1131684	19.230	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.810	216	287166	19.741	ng/uL	98
76) Pentachlorobenzene	14.351	250	294349	19.873	ng/uL	94
77) Carbazole	17.198	167	1013326	18.708	ng/ul	99
78) Di-n-butylphthalate	17.786	149	1268487	18.423	ng/ul	99
80) Fluoranthene	18.863	202	1302576	19.641	ng/ul	98
82) Pyrene	19.228	202	1331061	18.669	ng/ul	97
83) Butylbenzylphthalate	20.169	149	574495	17.968	ng/ul	92
84) 3,3'-Dichlorobenzidine	20.945	252	408914	17.880	ng/ul	97
85) Benzo(a)anthracene	21.004	228	1331604	18.343	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	20.969	149	855574	18.282	ng/ul	95
87) Chrysene	21.063	228	1302265	18.801	ng/ul	100
89) Di-n-octyl phthalate	22.004	149	1387637	18.951	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	1293398	19.278	ng/ul	99
91) Benzo(k)fluoranthene	22.933	252	1364280	20.613	ng/ul	98
93) Benzo(a)pyrene	23.598	252	1238754	19.545	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.709	276	1415688	18.028	ng/ul	98
95) Dibenzo(a,h)anthracene	26.762	278	1172341	18.469	ng/ul	99
96) Benzo(g,h,i)perylene	27.633	276	1134210	18.605	ng/ul	98

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

