

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091324\
 Data File : BN033889.D
 Acq On : 13 Sep 2024 09:00
 Operator : JU/RC
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020318

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 13 12:48:55 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 11 01:58:59 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	126125	20.000	ng/u1	0.00
20) Naphthalene-d8	10.251	136	509937	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.134	164	319614	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.892	188	685669	20.000	ng/u1	0.00
79) Chrysene-d12	21.127	240	747533	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	893962	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	27835	9.006	ng/uL	-0.01
4) Pyridine-d5	3.493	84	182317	19.845	ng/u1	-0.01
7) Phenol-d5	6.681	99	203486	18.179	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.840	67	130203	18.748	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.028	132	170483	19.349	ng/u1	-0.01
15) 4-Methylphenol-d8	8.199	113	161196	17.502	ng/u1	-0.01
21) Nitrobenzene-d5	8.634	128	79079	19.456	ng/u1	0.00
24) 2-Nitrophenol-d4	9.346	143	82077	19.638	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.881	165	152434	19.366	ng/u1	0.00
31) 4-Chloroaniline-d4	10.393	131	222774	18.694	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	451502	18.902	ng/u1	0.00
49) Acenaphthylene-d8	13.822	160	519942	19.350	ng/u1	0.00
54) 4-Nitrophenol-d4	14.357	143	87783	17.908	ng/u1	0.00
60) Fluorene-d10	15.139	176	397358	19.629	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.263	200	72670	17.775	ng/u1	0.00
73) Anthracene-d10	16.986	188	638596	19.810	ng/u1	0.00
81) Pyrene-d10	19.298	212	769970	18.486	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.715	264	916961	19.968	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.140	88	28869	8.855	ng/uL	95
5) Pyridine	3.511	79	187613	19.957	ng/u1	95
6) Benzaldehyde	6.646	77	138090	23.371	ng/u1	95
8) Phenol	6.710	94	212080	18.198	ng/u1	95
10) Bis(2-Chloroethyl)ether	6.934	93	168089	18.557	ng/u1	99
12) 2-Chlorophenol	7.063	128	176412	19.537	ng/u1	99
13) 2-Methylphenol	7.940	108	154799	17.771	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.010	45	256013	19.165	ng/u1	100
16) Acetophenone	8.305	105	261451	17.920	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.299	70	129512	17.926	ng/u1	97
18) 4-Methylphenol	8.263	108	169603	17.495	ng/u1	97
19) Hexachloroethane	8.552	117	76207	20.010	ng/u1	91
22) Nitrobenzene	8.675	77	204663	20.118	ng/u1	99
23) Isophorone	9.199	82	346186	18.453	ng/u1	99
25) 2-Nitrophenol	9.375	139	92033	19.675	ng/u1	93
26) 2,4-Dimethylphenol	9.451	107	188256	19.562	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.687	93	214879	18.616	ng/u1	96
29) 2,4-Dichlorophenol	9.904	162	155546	19.517	ng/u1	99
30) Naphthalene	10.299	128	547174	19.617	ng/u1	98
32) 4-Chloroaniline	10.416	127	216084	18.401	ng/u1	99
33) Hexachlorobutadiene	10.593	225	106331	20.796	ng/u1	99
34) Caprolactam	11.187	113	48663m	15.336	ng/u1	
35) 4-Chloro-3-methylphenol	11.557	107	172183	18.351	ng/u1	98
36) 2-Methylnaphthalene	11.922	142	362038	18.843	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091324\
 Data File : BN033889.D
 Acq On : 13 Sep 2024 09:00
 Operator : JU/RC
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020318

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 13 12:48:55 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 11 01:58:59 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.145	142	365122	18.774	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.304	216	188110	20.387	ng/ul	98
40) Hexachlorocyclopentadiene	12.287	237	112716	19.854	ng/ul	96
41) 2,4,6-Trichlorophenol	12.551	196	117691	19.240	ng/ul	96
42) 2,4,5-Trichlorophenol	12.622	196	131878	19.628	ng/ul	98
43) 1,1'-Biphenyl	12.963	154	468562	19.445	ng/ul	99
44) 2-Chloronaphthalene	12.998	162	369631	19.691	ng/ul	99
45) 2-Nitroaniline	13.210	65	115770	19.085	ng/ul	97
47) Dimethylphthalate	13.604	163	463362	19.034	ng/ul	99
48) 2,6-Dinitrotoluene	13.722	165	89937	18.762	ng/ul	97
50) Acenaphthylene	13.851	152	577785	19.650	ng/ul	100
51) 3-Nitroaniline	14.045	138	102008	19.256	ng/ul	96
52) Acenaphthene	14.198	153	410340	19.548	ng/ul	99
53) 2,4-Dinitrophenol	14.257	184	47812	16.958	ng/ul	95
55) 4-Nitrophenol	14.369	109	84411	20.276	ng/ul	92
56) Dibenzofuran	14.539	168	565133	19.687	ng/ul	99
57) 2,4-Dinitrotoluene	14.510	165	139126	19.252	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.769	232	110645	19.845	ng/ul	99
59) Diethylphthalate	14.986	149	497281	19.548	ng/ul	99
61) Fluorene	15.192	166	460102	19.593	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.198	204	224660	19.738	ng/ul	95
63) 4-Nitroaniline	15.216	138	114130	20.937	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.281	198	82296	18.128	ng/ul	95
67) N-Nitrosodiphenylamine	15.410	169	401278	19.530	ng/ul	98
68) 4-Bromophenyl-phenylether	16.092	248	136415	19.592	ng/ul	98
69) Hexachlorobenzene	16.198	284	159246	19.705	ng/ul	99
70) Atrazine	16.381	200	146922	19.736	ng/ul	97
71) Pentachlorophenol	16.545	266	101466	18.851	ng/ul	96
72) Phenanthrene	16.933	178	754475	19.956	ng/ul	99
74) Anthracene	17.022	178	770515	19.958	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.916	216	188370	19.740	ng/uL	96
76) Pentachlorobenzene	14.457	250	188900	19.441	ng/uL	98
77) Carbazole	17.298	167	715996	20.151	ng/ul	97
78) Di-n-butylphthalate	17.886	149	873206	19.332	ng/ul	99
80) Fluoranthene	18.963	202	905211	18.591	ng/ul	97
82) Pyrene	19.327	202	987116	18.858	ng/ul	96
83) Butylbenzylphthalate	20.263	149	430245	18.328	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.051	252	332773	19.818	ng/ul	98
85) Benzo(a)anthracene	21.116	228	1023881	19.210	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.074	149	651884	18.972	ng/ul	99
87) Chrysene	21.169	228	984544	19.360	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1113657	18.722	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1083301	19.876	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	1091818	20.306	ng/ul	99
93) Benzo(a)pyrene	23.774	252	1011863	19.652	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.992	276	1328508	20.824	ng/ul	98
95) Dibenzo(a,h)anthracene	27.051	278	1053100	20.422	ng/ul	99
96) Benzo(g,h,i)perylene	27.951	276	1012578	20.446	ng/ul	98

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

