

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
 Data File : BM048022.D
 Acq On : 11 Oct 2024 23:12
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020177

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 12 00:55:52 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 10 05:10:14 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	237905	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	972506	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.421	164	618250	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	1292288	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	1216510	20.000	ng/u1	0.00
88) Perylene-d12	24.374	264	1435418	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	45388	6.165	ng/uL	0.00
4) Pyridine-d5	3.657	84	324460	15.052	ng/u1	0.00
7) Phenol-d5	6.957	99	388061	17.250	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	228112	14.290	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	330951	20.220	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	310023	18.536	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	160534	20.732	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	171179	23.069	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	311435	21.010	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	426257	18.601	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	839596	18.731	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	1020836	19.208	ng/u1	0.00
54) 4-Nitrophenol-d4	14.621	143	176130	19.736	ng/u1	0.00
60) Fluorene-d10	15.410	176	755051	19.448	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	125132	16.547	ng/u1	0.00
73) Anthracene-d10	17.256	188	1193581	18.784	ng/u1	0.00
81) Pyrene-d10	19.545	212	1383031	20.031	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.168	264	1411617	18.954	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	50487	6.279	ng/uL	88
5) Pyridine	3.675	79	345685	15.233	ng/u1	88
6) Benzaldehyde	6.922	77	219740	17.961	ng/u1	91
8) Phenol	6.981	94	398100	16.631	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.204	93	315395	16.536	ng/u1	90
12) 2-Chlorophenol	7.351	128	332027	19.149	ng/u1#	91
13) 2-Methylphenol	8.228	108	302915	18.149	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.310	45	460566	12.827	ng/u1#	93
16) Acetophenone	8.604	105	480553	16.791	ng/u1#	90
17) N-Nitroso-di-n-propyla...	8.586	70	236316	15.590	ng/u1#	86
18) 4-Methylphenol	8.557	108	327577	17.464	ng/u1	98
19) Hexachloroethane	8.863	117	135769	17.420	ng/u1#	82
22) Nitrobenzene	8.981	77	359581	16.348	ng/u1#	89
23) Isophorone	9.510	82	681919	17.331	ng/u1#	94
25) 2-Nitrophenol	9.692	139	182069	21.448	ng/u1#	86
26) 2,4-Dimethylphenol	9.757	107	332880	18.301	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.986	93	410652	17.063	ng/u1	97
29) 2,4-Dichlorophenol	10.228	162	309478	20.219	ng/u1	96
30) Naphthalene	10.622	128	1049939	18.769	ng/u1	100
32) 4-Chloroaniline	10.733	127	406789	18.028	ng/u1	99
33) Hexachlorobutadiene	10.910	225	192519	19.037	ng/u1	97
34) Caprolactam	11.510	113	101538m	20.743	ng/u1	
35) 4-Chloro-3-methylphenol	11.863	107	313043	19.758	ng/u1	95
36) 2-Methylnaphthalene	12.239	142	683433	19.228	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	712166	19.694	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	361601	17.967	ng/ul#	97
40) Hexachlorocyclopentadiene	12.586	237	188137	15.456	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	240633	20.665	ng/ul	99
42) 2,4,5-Trichlorophenol	12.927	196	266228	20.908	ng/ul	97
43) 1,1'-Biphenyl	13.251	154	884547	17.869	ng/ul#	97
44) 2-Chloronaphthalene	13.292	162	710468	18.558	ng/ul	96
45) 2-Nitroaniline	13.498	65	198127	16.302	ng/ul#	75
47) Dimethylphthalate	13.874	163	848353	18.688	ng/ul	100
48) 2,6-Dinitrotoluene	13.992	165	172840	21.680	ng/ul#	82
50) Acenaphthylene	14.139	152	1184618	19.765	ng/ul	98
51) 3-Nitroaniline	14.321	138	196352	20.350	ng/ul	88
52) Acenaphthene	14.480	153	769675	18.167	ng/ul	98
53) 2,4-Dinitrophenol	14.533	184	89586	18.186	ng/ul#	72
55) 4-Nitrophenol	14.639	109	160889	21.472	ng/ul	82
56) Dibenzofuran	14.815	168	1057374	18.541	ng/ul	95
57) 2,4-Dinitrotoluene	14.780	165	256913	21.456	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.045	232	223639	22.281	ng/ul#	97
59) Diethylphthalate	15.239	149	849086	18.694	ng/ul	98
61) Fluorene	15.468	166	864589	18.171	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	418190	18.600	ng/ul	95
63) 4-Nitroaniline	15.480	138	211807	22.603	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.545	198	132994	15.871	ng/ul#	86
67) N-Nitrosodiphenylamine	15.674	169	723664	17.971	ng/ul	98
68) 4-Bromophenyl-phenylether	16.351	248	256063	19.223	ng/ul	95
69) Hexachlorobenzene	16.468	284	310616	20.038	ng/ul	92
70) Atrazine	16.621	200	264190	19.708	ng/ul	98
71) Pentachlorophenol	16.809	266	229658	23.299	ng/ul	99
72) Phenanthrene	17.198	178	1385019	18.276	ng/ul	99
74) Anthracene	17.292	178	1427998	18.475	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	358466	16.753	ng/ul	99
76) Pentachlorobenzene	14.739	250	361615	17.314	ng/ul	99
77) Carbazole	17.556	167	1301666	18.579	ng/ul	99
78) Di-n-butylphthalate	18.121	149	1507179	19.323	ng/ul	98
80) Fluoranthene	19.209	202	1635579	20.114	ng/ul	100
82) Pyrene	19.574	202	1717824	18.981	ng/ul	96
83) Butylbenzylphthalate	20.468	149	713443	22.298	ng/ul	84
84) 3,3'-Dichlorobenzidine	21.286	252	503075	19.571	ng/ul	98
85) Benzo(a)anthracene	21.362	228	1702492	19.988	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	999692	20.810	ng/ul	97
87) Chrysene	21.427	228	1563724	18.832	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	1792253	19.358	ng/ul	100
90) Benzo(b)fluoranthene	23.427	252	1708413	19.085	ng/ul	99
91) Benzo(k)fluoranthene	23.485	252	1692207	18.488	ng/ul	99
93) Benzo(a)pyrene	24.233	252	1620439	19.061	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.744	276	2034948	18.678	ng/ul	99
95) Dibenzo(a,h)anthracene	27.791	278	1695046	18.985	ng/ul	97
96) Benzo(g,h,i)perylene	28.797	276	1663107	19.483	ng/ul	98

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

