

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
 Data File : BM044264.D
 Acq On : 23 Feb 2024 10:54
 Operator : MA/JU
 Sample : SSTD01094
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD010014

Quant Time: Feb 23 22:46:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 12:21:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 02/26/2024

Supervised By :mohammad
 ahmed
 02/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	193638	20.000	ng/u1	0.00
20) Naphthalene-d8	10.692	136	798711	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	456268	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	952609	20.000	ng/u1	0.00
79) Chrysene-d12	21.497	240	872341	20.000	ng/u1	0.00
88) Perylene-d12	23.891	264	1005420	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	23523	4.144	ng/uL	0.00
4) Pyridine-d5	3.763	84	148783	9.115	ng/u1	0.00
7) Phenol-d5	7.057	99	161463	8.550	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	111135	9.380	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	128529	9.353	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	119383	8.363	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	59891	9.252	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	58211	9.066	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	107156	8.873	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	176486	8.711	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	344634	9.854	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	384742	9.288	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	52923	7.246	ng/u1	0.00
60) Fluorene-d10	15.533	176	291466	9.569	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	43819	7.694	ng/u1	0.00
73) Anthracene-d10	17.392	188	436839	9.364	ng/u1	0.00
81) Pyrene-d10	19.692	212	492079	9.616	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	483181	9.219	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	25006	4.291	ng/uL	98
5) Pyridine	3.781	79	161315	9.710	ng/u1	100
6) Benzaldehyde	7.045	77	89262m	11.060	ng/u1	
8) Phenol	7.087	94	172066	8.895	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.328	93	149915	9.557	ng/u1	99
12) 2-Chlorophenol	7.451	128	135574	9.391	ng/u1	99
13) 2-Methylphenol	8.339	108	121689	8.571	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.422	45	207974	9.404	ng/u1	98
16) Acetophenone	8.722	105	210048	9.104	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.710	70	104308	8.977	ng/u1	99
18) 4-Methylphenol	8.669	108	130845	8.566	ng/u1	100
19) Hexachloroethane	8.963	117	58405	9.464	ng/u1	98
22) Nitrobenzene	9.104	77	147818	9.079	ng/u1	98
23) Isophorone	9.628	82	282807	9.187	ng/u1	99
25) 2-Nitrophenol	9.816	139	67074	9.335	ng/u1	94
26) 2,4-Dimethylphenol	9.875	107	133126	9.182	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.122	93	189238	9.787	ng/u1	100
29) 2,4-Dichlorophenol	10.339	162	110482	9.185	ng/u1	100
30) Naphthalene	10.745	128	439027	9.732	ng/u1	100
32) 4-Chloroaniline	10.869	127	173626	8.728	ng/u1	99
33) Hexachlorobutadiene	11.016	225	69350	9.224	ng/u1	95
34) Caprolactam	11.639	113	31783	7.564	ng/u1	96
35) 4-Chloro-3-methylphenol	11.986	107	116656	8.983	ng/u1	99
36) 2-Methylnaphthalene	12.363	142	278029	9.368	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
 Data File : BM044264.D
 Acq On : 23 Feb 2024 10:54
 Operator : MA/JU
 Sample : SST01094
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD010014

Manual Integrations

APPROVED

Reviewed By :Yogesh

Patel

02/26/2024

Supervised By :mohammad

ahmed

02/26/2024

Quant Time: Feb 23 22:46:57 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Feb 23 12:21:42 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.580	142	277275	9.478	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.722	216	129040	9.104	ng/ul	98
40) Hexachlorocyclopentadiene	12.692	237	80531	8.646	ng/ul	95
41) 2,4,6-Trichlorophenol	12.969	196	77791	8.756	ng/ul	97
42) 2,4,5-Trichlorophenol	13.039	196	85685	8.926	ng/ul	97
43) 1,1'-Biphenyl	13.374	154	360568	9.648	ng/ul	97
44) 2-Chloronaphthalene	13.416	162	281930	9.537	ng/ul	98
45) 2-Nitroaniline	13.627	65	69965	8.154	ng/ul	92
47) Dimethylphthalate	14.010	163	352767	9.785	ng/ul	99
48) 2,6-Dinitrotoluene	14.127	165	59393	8.943	ng/ul	95
50) Acenaphthylene	14.263	152	467481	9.637	ng/ul	99
51) 3-Nitroaniline	14.457	138	56370	7.508	ng/ul	97
52) Acenaphthene	14.604	153	307580	9.656	ng/ul	98
53) 2,4-Dinitrophenol	14.668	184	25575	6.579	ng/ul	94
55) 4-Nitrophenol	14.757	109	36978	6.566	ng/ul	95
56) Dibenzofuran	14.939	168	424342	9.867	ng/ul	97
57) 2,4-Dinitrotoluene	14.916	165	87557	9.060	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.163	232	69240	8.701	ng/ul	98
59) Diethylphthalate	15.374	149	358043	9.795	ng/ul	99
61) Fluorene	15.592	166	342652	9.520	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	162214	9.416	ng/ul	99
63) 4-Nitroaniline	15.621	138	57706	7.875	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.674	198	51117	8.097	ng/ul	99
67) N-Nitrosodiphenylamine	15.810	169	274515	9.284	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	88262	8.814	ng/ul	97
69) Hexachlorobenzene	16.586	284	105236	9.092	ng/ul	99
70) Atrazine	16.768	200	89309	9.016	ng/ul	97
71) Pentachlorophenol	16.939	266	59077	7.857	ng/ul	98
72) Phenanthrene	17.333	178	538411	9.674	ng/ul	100
74) Anthracene	17.427	178	541667	9.562	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.333	216	124068	9.015	ng/uL	99
76) Pentachlorobenzene	14.851	250	124169	9.412	ng/uL	98
77) Carbazole	17.704	167	492177	9.197	ng/ul	99
78) Di-n-butylphthalate	18.280	149	608310	9.680	ng/ul	100
80) Fluoranthene	19.356	202	587504	9.597	ng/ul	99
82) Pyrene	19.721	202	630080	9.738	ng/ul	98
83) Butylbenzylphthalate	20.645	149	252656	9.565	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.421	252	180933	9.482	ng/ul	99
85) Benzo(a)anthracene	21.480	228	619673	9.486	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	408040	10.140	ng/ul	99
87) Chrysene	21.533	228	590362	9.679	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	690867	9.535	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	616137	9.430	ng/ul	99
91) Benzo(k)fluoranthene	23.209	252	635597	9.672	ng/ul	99
93) Benzo(a)pyrene	23.785	252	583815	9.329	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.368	276	706164	9.225	ng/ul	99
95) Dibenzo(a,h)anthracene	26.397	278	591093	9.259	ng/ul	99
96) Benzo(g,h,i)perylene	27.126	276	573355	9.327	ng/ul	97

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

