

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
 Data File : BM047099.D
 Acq On : 08 Aug 2024 23:29
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020136

Quant Time: Aug 09 02:02:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 01:30:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	240988	20.000	ng/ul	0.00
20) Naphthalene-d8	10.145	136	979289	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.039	164	639705	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1341388	20.000	ng/ul	0.00
79) Chrysene-d12	21.033	240	1135243	20.000	ng/ul	# 0.00
88) Perylene-d12	23.739	264	1313132	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.017	96	48277	7.937	ng/uL	0.00
4) Pyridine-d5	3.405	84	352973	21.274	ng/ul	0.00
7) Phenol-d5	6.593	99	401302	21.921	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.746	67	258584	21.468	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	320575	20.673	ng/ul	0.00
15) 4-Methylphenol-d8	8.110	113	312064	21.518	ng/ul	0.00
21) Nitrobenzene-d5	8.534	128	156590	19.927	ng/ul	0.00
24) 2-Nitrophenol-d4	9.246	143	170566	19.876	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	324296	19.683	ng/ul	0.00
31) 4-Chloroaniline-d4	10.293	131	431363	19.921	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	901180	18.424	ng/ul	0.00
49) Acenaphthylene-d8	13.728	160	1092570	20.011	ng/ul	0.00
54) 4-Nitrophenol-d4	14.286	143	178987	18.926	ng/ul	0.00
60) Fluorene-d10	15.045	176	801803	19.163	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	147156	17.364	ng/ul	0.00
73) Anthracene-d10	16.898	188	1240865	19.513	ng/ul	0.00
81) Pyrene-d10	19.210	212	1355461	20.858	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.550	264	1361471	19.690	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.046	88	51358	7.588	ng/uL	96
5) Pyridine	3.422	79	362838	22.089	ng/ul	95
6) Benzaldehyde	6.546	77	250646	23.837	ng/ul	99
8) Phenol	6.616	94	418617	22.706	ng/ul	91
10) Bis(2-Chloroethyl)ether	6.834	93	333105	21.198	ng/ul	94
12) 2-Chlorophenol	6.963	128	329753	20.990	ng/ul	98
13) 2-Methylphenol	7.846	108	303011	21.576	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	7.910	45	450173	23.907	ng/ul	98
16) Acetophenone	8.204	105	495813	21.722	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.199	70	256646	21.322	ng/ul	98
18) 4-Methylphenol	8.169	108	334741	22.060	ng/ul	96
19) Hexachloroethane	8.440	117	144617	18.897	ng/ul	96
22) Nitrobenzene	8.575	77	404079	19.246	ng/ul	96
23) Isophorone	9.098	82	707124	19.684	ng/ul	99
25) 2-Nitrophenol	9.275	139	187594	19.983	ng/ul#	93
26) 2,4-Dimethylphenol	9.351	107	351474	18.994	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.587	93	442646	19.988	ng/ul	100
29) 2,4-Dichlorophenol	9.804	162	320501	19.504	ng/ul	99
30) Naphthalene	10.193	128	1020724	19.686	ng/ul	100
32) 4-Chloroaniline	10.316	127	432605	20.573	ng/ul	99
33) Hexachlorobutadiene	10.481	225	198299	16.726	ng/ul	97
34) Caprolactam	11.098	113	98204	19.734	ng/ul#	76
35) 4-Chloro-3-methylphenol	11.457	107	330954	19.531	ng/ul	99
36) 2-Methylnaphthalene	11.816	142	716389	19.787	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
 Data File : BM047099.D
 Acq On : 08 Aug 2024 23:29
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020136

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 02:02:46 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Aug 09 01:30:34 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.039	142	722437	19.712	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.198	216	371982	18.541	ng/ul	99
40) Hexachlorocyclopentadiene	12.175	237	236041	17.861	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.457	196	256279	19.516	ng/ul	97
42) 2,4,5-Trichlorophenol	12.528	196	277814	19.594	ng/ul	99
43) 1,1'-Biphenyl	12.863	154	930373	19.440	ng/ul	98
44) 2-Chloronaphthalene	12.898	162	759183	19.976	ng/ul	98
45) 2-Nitroaniline	13.122	65	230166	19.929	ng/ul	97
47) Dimethylphthalate	13.516	163	909527	18.531	ng/ul	100
48) 2,6-Dinitrotoluene	13.633	165	187632	19.665	ng/ul	89
50) Acenaphthylene	13.757	152	1142790	19.819	ng/ul	99
51) 3-Nitroaniline	13.963	138	204248	21.020	ng/ul	97
52) Acenaphthene	14.104	153	803635	19.332	ng/ul	99
53) 2,4-Dinitrophenol	14.181	184	132557	19.690	ng/ul	92
55) 4-Nitrophenol	14.298	109	152048	15.885	ng/ul#	81
56) Dibenzofuran	14.445	168	1124261	19.270	ng/ul	95
57) 2,4-Dinitrotoluene	14.433	165	281640	19.316	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.686	232	223612	17.741	ng/ul#	94
59) Diethylphthalate	14.904	149	935997	17.728	ng/ul	98
61) Fluorene	15.104	166	901915	18.743	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.110	204	420784	17.763	ng/ul	96
63) 4-Nitroaniline	15.139	138	212467m	22.126	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.204	198	166707	17.977	ng/ul	93
67) N-Nitrosodiphenylamine	15.327	169	780714	19.636	ng/ul	99
68) 4-Bromophenyl-phenylether	16.004	248	268642	18.503	ng/ul	93
69) Hexachlorobenzene	16.104	284	322930	18.889	ng/ul	97
70) Atrazine	16.298	200	272318	17.457	ng/ul	96
71) Pentachlorophenol	16.463	266	205385	17.744	ng/ul	98
72) Phenanthrene	16.845	178	1456592	19.371	ng/ul	99
74) Anthracene	16.933	178	1462516	19.287	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.822	216	377858	19.578	ng/uL	98
76) Pentachlorobenzene	14.363	250	373271	18.685	ng/uL	99
77) Carbazole	17.216	167	1387593	19.738	ng/ul	99
78) Di-n-butylphthalate	17.798	149	1615830	18.075	ng/ul	99
80) Fluoranthene	18.874	202	1640047	21.117	ng/ul	97
82) Pyrene	19.239	202	1719717	20.781	ng/ul#	94
83) Butylbenzylphthalate	20.180	149	727755	20.120	ng/ul	97
84) 3,3'-Dichlorobenzidine	20.962	252	490910	17.639	ng/ul	100
85) Benzo(a)anthracene	21.015	228	1622627	19.571	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.980	149	1029791	19.502	ng/ul	99
87) Chrysene	21.074	228	1532990	19.386	ng/ul	100
89) Di-n-octyl phthalate	22.015	149	1744958	18.836	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1660066	20.438	ng/ul	98
91) Benzo(k)fluoranthene	22.951	252	1588579	19.791	ng/ul	98
93) Benzo(a)pyrene	23.609	252	1512932	19.993	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.727	276	1882226	19.414	ng/ul	98
95) Dibenzo(a,h)anthracene	26.786	278	1521305	19.535	ng/ul	98
96) Benzo(g,h,i)perylene	27.656	276	1467358	19.155	ng/ul#	96

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

