

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047877.D
 Acq On : 05 Oct 2024 15:24
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020164

Quant Time: Oct 05 23:29:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/06/2024
 Supervised By :mohammad ahmed 10/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	330644	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1338878	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.433	164	818995	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.174	188	1621971	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1472586	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	1696893	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	62750	6.133	ng/uL	0.00
4) Pyridine-d5	3.663	84	455665	15.210	ng/u1	0.00
7) Phenol-d5	6.969	99	536598	17.163	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	323632	14.587	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	448826	19.731	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	419564	18.049	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	216176	20.279	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	231199	22.632	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	428841	21.014	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	585337	18.553	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	1123660	18.924	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	1348810	19.159	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	224006	18.948	ng/u1	0.00
60) Fluorene-d10	15.427	176	978392	19.023	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	147905	15.583	ng/u1	0.00
73) Anthracene-d10	17.268	188	1505492	18.877	ng/u1	0.00
81) Pyrene-d10	19.556	212	1678974	20.089	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	1650573	18.747	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	67735	6.061	ng/uL#	88
5) Pyridine	3.687	79	474170	15.034	ng/u1	89
6) Benzaldehyde	6.939	77	254807	14.986	ng/u1	93
8) Phenol	6.992	94	538118	16.175	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.222	93	438441	16.540	ng/u1	90
12) 2-Chlorophenol	7.363	128	452410	18.773	ng/u1	93
13) 2-Methylphenol	8.245	108	414726	17.878	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	645710	12.940	ng/u1#	94
16) Acetophenone	8.616	105	661292	16.626	ng/u1#	91
17) N-Nitroso-di-n-propyla...	8.604	70	329510	15.641	ng/u1#	89
18) 4-Methylphenol	8.569	108	442796	16.986	ng/u1	98
19) Hexachloroethane	8.881	117	194725	17.977	ng/u1	87
22) Nitrobenzene	8.992	77	498783	16.471	ng/u1	93
23) Isophorone	9.522	82	933419	17.231	ng/u1#	94
25) 2-Nitrophenol	9.704	139	241878	20.697	ng/u1	90
26) 2,4-Dimethylphenol	9.769	107	456710	18.238	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.004	93	571243	17.241	ng/u1	98
29) 2,4-Dichlorophenol	10.239	162	418791	19.874	ng/u1	98
30) Naphthalene	10.639	128	1428857	18.553	ng/u1	99
32) 4-Chloroaniline	10.751	127	560513	18.043	ng/u1	99
33) Hexachlorobutadiene	10.933	225	271250	19.482	ng/u1	99
34) Caprolactam	11.522	113	127397m	18.904	ng/u1	
35) 4-Chloro-3-methylphenol	11.874	107	419382	19.226	ng/u1	95
36) 2-Methylnaphthalene	12.257	142	925505	18.914	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047877.D
 Acq On : 05 Oct 2024 15:24
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020164

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2024

Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 05 23:29:06 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri Oct 04 08:32:31 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.474	142	954630	19.175	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.627	216	495110	18.571	ng/ul#	97
40) Hexachlorocyclopentadiene	12.610	237	230660	14.304	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	324726	21.051	ng/ul	100
42) 2,4,5-Trichlorophenol	12.939	196	343286	20.351	ng/ul	99
43) 1,1'-Biphenyl	13.268	154	1188922	18.131	ng/ul#	97
44) 2-Chloronaphthalene	13.310	162	945939	18.652	ng/ul	96
45) 2-Nitroaniline	13.510	65	263832m	16.388	ng/ul	
47) Dimethylphthalate	13.892	163	1127306	18.747	ng/ul	100
48) 2,6-Dinitrotoluene	14.004	165	224349	21.243	ng/ul	87
50) Acenaphthylene	14.157	152	1555026	19.586	ng/ul	99
51) 3-Nitroaniline	14.333	138	256221	20.046	ng/ul	87
52) Acenaphthene	14.498	153	1012612	18.042	ng/ul	98
53) 2,4-Dinitrophenol	14.539	184	89989	13.790	ng/ul#	80
55) 4-Nitrophenol	14.645	109	164633	16.586	ng/ul	89
56) Dibenzofuran	14.833	168	1373671	18.183	ng/ul	97
57) 2,4-Dinitrotoluene	14.792	165	330683	20.848	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.057	232	293400	22.066	ng/ul#	97
59) Diethylphthalate	15.257	149	1143130	18.999	ng/ul	98
61) Fluorene	15.480	166	1132054	17.961	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.474	204	560079	18.805	ng/ul	96
63) 4-Nitroaniline	15.492	138	272811	21.977	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.557	198	160554	15.266	ng/ul#	87
67) N-Nitrosodiphenylamine	15.686	169	934101	18.481	ng/ul	98
68) 4-Bromophenyl-phenylether	16.368	248	338802	20.264	ng/ul	96
69) Hexachlorobenzene	16.486	284	396010	20.354	ng/ul	92
70) Atrazine	16.639	200	293117	17.422	ng/ul	99
71) Pentachlorophenol	16.827	266	251992	20.368	ng/ul	99
72) Phenanthrene	17.215	178	1738701	18.279	ng/ul	99
74) Anthracene	17.304	178	1800683	18.561	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.233	216	484207	18.030	ng/ul	98
76) Pentachlorobenzene	14.757	250	476802	18.189	ng/ul	98
77) Carbazole	17.574	167	1618497	18.406	ng/ul	98
78) Di-n-butylphthalate	18.139	149	1971557	20.139	ng/ul	98
80) Fluoranthene	19.227	202	2000501	20.324	ng/ul	97
82) Pyrene	19.586	202	2092832	19.103	ng/ul	97
83) Butylbenzylphthalate	20.480	149	898274	23.192	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.303	252	517707	16.638	ng/ul	98
85) Benzo(a)anthracene	21.380	228	2002800	19.425	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.303	149	1334023	22.941	ng/ul#	97
87) Chrysene	21.439	228	1859658	18.501	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	2334582	21.330	ng/ul	100
90) Benzo(b)fluoranthene	23.450	252	1980754	18.718	ng/ul	98
91) Benzo(k)fluoranthene	23.509	252	1973939	18.243	ng/ul	99
93) Benzo(a)pyrene	24.256	252	1889146	18.797	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.779	276	2337313	18.148	ng/ul	98
95) Dibenzo(a,h)anthracene	27.838	278	1958080	18.551	ng/ul	97
96) Benzo(g,h,i)perylene	28.838	276	1886432	18.694	ng/ul	96

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

