

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
 Data File : BM048576.D
 Acq On : 09 Nov 2024 22:27
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020051

Quant Time: Nov 09 23:17:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 07 22:50:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	178345	20.000	ng/u1	0.00
20) Naphthalene-d8	10.445	136	741313	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	450641	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.056	188	920287	20.000	ng/u1	0.00
79) Chrysene-d12	21.280	240	881262	20.000	ng/u1	0.00
88) Perylene-d12	24.191	264	1014888	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	35654	7.970	ng/uL	0.00
4) Pyridine-d5	3.540	84	244321	19.817	ng/u1	0.00
7) Phenol-d5	6.839	99	284237	20.936	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	166497	20.418	ng/u1	0.00
11) 2-Chlorophenol-d4	7.198	132	242484	21.562	ng/u1	0.00
15) 4-Methylphenol-d8	8.380	113	226894	21.255	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	114221	21.258	ng/u1	0.00
24) 2-Nitrophenol-d4	9.539	143	124251	21.741	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	224163	21.114	ng/u1	0.00
31) 4-Chloroaniline-d4	10.592	131	311933	20.685	ng/u1	0.00
46) Dimethylphthalate-d6	13.721	166	608994	21.170	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	732879	21.609	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	111274	20.826	ng/u1	0.00
60) Fluorene-d10	15.304	176	540619	21.530	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	90498	19.548	ng/u1	0.00
73) Anthracene-d10	17.156	188	842379	21.630	ng/u1	0.00
81) Pyrene-d10	19.450	212	973919	22.021	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.985	264	1006153	21.218	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.157	88	37522	7.643	ng/uL	96
5) Pyridine	3.563	79	254392	20.100	ng/u1	95
6) Benzaldehyde	6.804	77	178755	26.644	ng/u1	95
8) Phenol	6.869	94	296812	20.837	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.092	93	231342	20.666	ng/u1	96
12) 2-Chlorophenol	7.228	128	247027	21.203	ng/u1	98
13) 2-Methylphenol	8.110	108	219747	20.840	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.181	45	331833	20.158	ng/u1	99
16) Acetophenone	8.486	105	363479	21.843	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.469	70	166879	21.340	ng/u1	98
18) 4-Methylphenol	8.439	108	243591	21.098	ng/u1	98
19) Hexachloroethane	8.733	117	101984	20.714	ng/u1	99
22) Nitrobenzene	8.857	77	257882	21.168	ng/u1	97
23) Isophorone	9.386	82	467992	20.768	ng/u1	98
25) 2-Nitrophenol	9.569	139	135918	21.823	ng/u1	99
26) 2,4-Dimethylphenol	9.633	107	243040	20.892	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.869	93	294937	20.968	ng/u1	99
29) 2,4-Dichlorophenol	10.104	162	228343	21.204	ng/u1	96
30) Naphthalene	10.498	128	773459	20.614	ng/u1	99
32) 4-Chloroaniline	10.616	127	294878	20.738	ng/u1	99
33) Hexachlorobutadiene	10.780	225	149781	20.553	ng/u1	98
34) Caprolactam	11.392	113	70850m	20.874	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	226512	21.737	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	501748	20.899	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.339	142	512838	20.815	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.492	216	270243	20.927	ng/ul	99
40) Hexachlorocyclopentadiene	12.468	237	121932	18.473	ng/ul	99
41) 2,4,6-Trichlorophenol	12.739	196	175638	21.532	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	189737	21.842	ng/ul	97
43) 1,1'-Biphenyl	13.139	154	646297	20.975	ng/ul	100
44) 2-Chloronaphthalene	13.180	162	518156	21.310	ng/ul	99
45) 2-Nitroaniline	13.392	65	134998	22.109	ng/ul	97
47) Dimethylphthalate	13.768	163	611059	21.147	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	124000	22.510	ng/ul	97
50) Acenaphthylene	14.027	152	795068	21.267	ng/ul	99
51) 3-Nitroaniline	14.227	138	134106	22.417	ng/ul	97
52) Acenaphthene	14.374	153	551363	20.949	ng/ul	100
53) 2,4-Dinitrophenol	14.439	184	52327	17.667	ng/ul	95
55) 4-Nitrophenol	14.545	109	79979	20.705	ng/ul	97
56) Dibenzofuran	14.710	168	767112	21.128	ng/ul	98
57) 2,4-Dinitrotoluene	14.686	165	182669	22.813	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.945	232	156044	21.596	ng/ul	98
59) Diethylphthalate	15.139	149	608393	21.370	ng/ul	99
61) Fluorene	15.362	166	613480	21.342	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.357	204	298289	21.063	ng/ul	98
63) 4-Nitroaniline	15.392	138	141402	24.004	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.451	198	99065	19.663	ng/ul	99
67) N-Nitrosodiphenylamine	15.574	169	517180	21.322	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	183778	21.175	ng/ul	98
69) Hexachlorobenzene	16.362	284	220190	21.021	ng/ul	98
70) Atrazine	16.527	200	186087	21.080	ng/ul	98
71) Pentachlorophenol	16.709	266	143368	21.535	ng/ul	98
72) Phenanthrene	17.098	178	957072	20.969	ng/ul	99
74) Anthracene	17.186	178	986491	21.536	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	265079	20.191	ng/uL	99
76) Pentachlorobenzene	14.633	250	264160	20.652	ng/uL	99
77) Carbazole	17.462	167	907770	22.002	ng/ul	99
78) Di-n-butylphthalate	18.027	149	1051904	21.685	ng/ul	99
80) Fluoranthene	19.115	202	1125284	21.928	ng/ul	99
82) Pyrene	19.480	202	1217305	21.877	ng/ul	98
83) Butylbenzylphthalate	20.380	149	486557	22.764	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.191	252	374049	23.361	ng/ul	100
85) Benzo(a)anthracene	21.262	228	1194923	21.509	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.186	149	701375	22.494	ng/ul	100
87) Chrysene	21.321	228	1131462	21.195	ng/ul	100
89) Di-n-octyl phthalate	22.285	149	1219900	21.322	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1182252	21.161	ng/ul	99
91) Benzo(k)fluoranthene	23.332	252	1205855	21.648	ng/ul	100
93) Benzo(a)pyrene	24.050	252	1123620	21.391	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.462	276	1424844	20.873	ng/ul	99
95) Dibenzo(a,h)anthracene	27.509	278	1163366	20.866	ng/ul	99
96) Benzo(g,h,i)perylene	28.479	276	1100124	20.554	ng/ul	98

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

