

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
 Data File : BM049450.D
 Acq On : 27 Jan 2025 16:05
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020077

Quant Time: Jan 27 16:38:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	168390	20.000	ng/u1	0.00
20) Naphthalene-d8	10.275	136	599340	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.157	164	378267	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	760984	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	776243	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	787025	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	35783	8.792	ng/uL	0.00
4) Pyridine-d5	3.510	84	253703	19.582	ng/u1	0.00
7) Phenol-d5	6.710	99	253629	17.943	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	181908	19.326	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.057	132	204109	18.876	ng/u1	0.00
15) 4-Methylphenol-d8	8.228	113	184348	16.818	ng/u1	-0.01
21) Nitrobenzene-d5	8.657	128	88427	19.348	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.375	143	94338	18.464	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	201011	19.280	ng/u1	0.00
31) 4-Chloroaniline-d4	10.422	131	241262	17.586	ng/u1	0.00
46) Dimethylphthalate-d6	13.574	166	543050	19.289	ng/u1	-0.01
49) Acenaphthylene-d8	13.845	160	634897	19.754	ng/u1	0.00
54) 4-Nitrophenol-d4	14.380	143	73096	15.679	ng/u1	-0.01
60) Fluorene-d10	15.157	176	476247	19.581	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	79176	16.326	ng/u1	0.00
73) Anthracene-d10	17.004	188	740329	19.680	ng/u1	-0.01
81) Pyrene-d10	19.309	212	845571	17.899	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.727	264	812644	19.235	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	37869	8.493	ng/uL	99
5) Pyridine	3.528	79	265250	20.253	ng/u1	98
6) Benzaldehyde	6.669	77	177046	23.232	ng/u1	99
8) Phenol	6.734	94	268763	18.287	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.957	93	221574	18.514	ng/u1	98
12) 2-Chlorophenol	7.087	128	211208	18.791	ng/u1	99
13) 2-Methylphenol	7.963	108	184575	17.189	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.034	45	355604	19.826	ng/u1	99
16) Acetophenone	8.328	105	318654	17.800	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.316	70	170699	17.653	ng/u1	95
18) 4-Methylphenol	8.287	108	201164	17.099	ng/u1	98
19) Hexachloroethane	8.575	117	93158	19.289	ng/u1	98
22) Nitrobenzene	8.698	77	240992	20.353	ng/u1	99
23) Isophorone	9.222	82	426052	18.519	ng/u1	100
25) 2-Nitrophenol	9.404	139	107499	19.144	ng/u1	96
26) 2,4-Dimethylphenol	9.475	107	200311	19.060	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.710	93	264700	18.720	ng/u1	97
29) 2,4-Dichlorophenol	9.933	162	202437	19.489	ng/u1	99
30) Naphthalene	10.322	128	617896	19.426	ng/u1	99
32) 4-Chloroaniline	10.445	127	231956	17.731	ng/u1	98
33) Hexachlorobutadiene	10.616	225	152795	20.602	ng/u1	99
34) Caprolactam	11.216	113	56666m	18.325	ng/u1	
35) 4-Chloro-3-methylphenol	11.580	107	173738	17.889	ng/u1	99
36) 2-Methylnaphthalene	11.945	142	419068	18.412	ng/u1	98

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37) 1-Methylnaphthalene	12.169	142	420741	18.579	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.322	216	269620	20.592	ng/ul	99
40) Hexachlorocyclopentadiene	12.304	237	169892	21.627	ng/ul	97
41) 2,4,6-Trichlorophenol	12.574	196	158304	19.654	ng/ul	98
42) 2,4,5-Trichlorophenol	12.651	196	170030	19.696	ng/ul	99
43) 1,1'-Biphenyl	12.980	154	558672	20.172	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	455714	20.575	ng/ul	98
45) 2-Nitroaniline	13.233	65	109338	18.709	ng/ul	97
47) Dimethylphthalate	13.621	163	529094	18.998	ng/ul	99
48) 2,6-Dinitrotoluene	13.739	165	93758	18.045	ng/ul	94
50) Acenaphthylene	13.869	152	643901	19.542	ng/ul	100
51) 3-Nitroaniline	14.069	138	87654	17.194	ng/ul	99
52) Acenaphthene	14.216	153	460613	19.566	ng/ul	100
53) 2,4-Dinitrophenol	14.280	184	50671	15.571	ng/ul	98
55) 4-Nitrophenol	14.398	109	56540	16.446	ng/ul	96
56) Dibenzofuran	14.557	168	667181	19.957	ng/ul	99
57) 2,4-Dinitrotoluene	14.533	165	141002	18.287	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.792	232	136258	18.685	ng/ul	98
59) Diethylphthalate	15.004	149	505802	18.635	ng/ul	100
61) Fluorene	15.210	166	542454	19.860	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.215	204	297989	20.018	ng/ul	95
63) 4-Nitroaniline	15.239	138	86850	18.935	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.298	198	90977	17.204	ng/ul#	97
67) N-Nitrosodiphenylamine	15.427	169	434436	19.241	ng/ul	100
68) 4-Bromophenyl-phenylether	16.110	248	167304	19.335	ng/ul	96
69) Hexachlorobenzene	16.215	284	192788	19.157	ng/ul	98
70) Atrazine	16.392	200	166885	18.079	ng/ul	98
71) Pentachlorophenol	16.562	266	122950	18.441	ng/ul	98
72) Phenanthrene	16.951	178	827620	19.563	ng/ul	99
74) Anthracene	17.039	178	830264	19.552	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.939	216	263943	20.753	ng/uL	99
76) Pentachlorobenzene	14.474	250	254063	20.014	ng/uL	98
77) Carbazole	17.315	167	717660	19.048	ng/ul	99
78) Di-n-butylphthalate	17.898	149	830281	17.986	ng/ul	99
80) Fluoranthene	18.974	202	960549	17.695	ng/ul	100
82) Pyrene	19.339	202	1044803	18.081	ng/ul	99
83) Butylbenzylphthalate	20.268	149	340832	16.660	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.062	252	275418	18.948	ng/ul	99
85) Benzo(a)anthracene	21.121	228	1039851	19.223	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	521713	17.147	ng/ul	99
87) Chrysene	21.180	228	979237	19.829	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	830553	14.486	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	975548	18.519	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	998715	19.015	ng/ul	99
93) Benzo(a)pyrene	23.786	252	917296	19.278	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.997	276	1168565	21.409	ng/ul	99
95) Dibenzo(a,h)anthracene	27.050	278	942649	21.204	ng/ul	100
96) Benzo(g,h,i)perylene	27.956	276	899468	22.075	ng/ul	99

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

