

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049367.D
 Acq On : 21 Jan 2025 16:26
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020067

Quant Time: Jan 22 01:02:17 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 :Yogesh Patel 01/22/2025
 Supervised By :mohammad ahmed 01/24/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	193898	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	725914	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.163	164	466050	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	921299	20.000	ng/ul	0.00
79) Chrysene-d12	21.145	240	851099	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	806586	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	42010	8.964	ng/uL	0.00
4) Pyridine-d5	3.510	84	309776	20.764	ng/ul	0.00
7) Phenol-d5	6.716	99	310619	19.084	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	225107	20.770	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	250193	20.094	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	229226	18.161	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	111222	20.092	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	115238	18.622	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	249266	19.740	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	305733	18.400	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	682833	19.685	ng/ul	0.00
49) Acenaphthylene-d8	13.851	160	824142	20.812	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	91601	15.947	ng/ul	0.00
60) Fluorene-d10	15.163	176	630240	21.032	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	99188	16.893	ng/ul	0.00
73) Anthracene-d10	17.010	188	960195	21.083	ng/ul	0.00
81) Pyrene-d10	19.315	212	1039194	20.063	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	870465	20.104	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.157	88	45816	8.924	ng/uL	97
5) Pyridine	3.528	79	318207	21.100	ng/ul	98
6) Benzaldehyde	6.675	77	202236	23.046	ng/ul	99
8) Phenol	6.740	94	330825	19.549	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.963	93	274592	19.925	ng/ul	97
12) 2-Chlorophenol	7.093	128	261850	20.232	ng/ul	98
13) 2-Methylphenol	7.969	108	227501	18.400	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.040	45	443281	21.463	ng/ul	97
16) Acetophenone	8.334	105	396214	19.220	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.328	70	212342	19.071	ng/ul	94
18) 4-Methylphenol	8.298	108	249184	18.395	ng/ul	98
19) Hexachloroethane	8.581	117	113949	20.491	ng/ul	99
22) Nitrobenzene	8.704	77	305064	21.272	ng/ul	97
23) Isophorone	9.234	82	523637	18.792	ng/ul	100
25) 2-Nitrophenol	9.410	139	132429	19.471	ng/ul	99
26) 2,4-Dimethylphenol	9.481	107	255344	20.061	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.716	93	345016	20.145	ng/ul	99
29) 2,4-Dichlorophenol	9.939	162	252363	20.059	ng/ul	99
30) Naphthalene	10.333	128	789405	20.491	ng/ul	99
32) 4-Chloroaniline	10.451	127	299116	18.878	ng/ul	100
33) Hexachlorobutadiene	10.622	225	196358	21.859	ng/ul	98
34) Caprolactam	11.222	113	59735m	15.949	ng/ul	
35) 4-Chloro-3-methylphenol	11.586	107	218073	18.539	ng/ul	99
36) 2-Methylnaphthalene	11.951	142	543452	19.713	ng/ul	99

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37) 1-Methylnaphthalene	12.175	142	538280	19.624	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.327	216	348484	21.602	ng/ul	100
40) Hexachlorocyclopentadiene	12.310	237	197794	20.436	ng/ul	98
41) 2,4,6-Trichlorophenol	12.580	196	200106	20.164	ng/ul	95
42) 2,4,5-Trichlorophenol	12.651	196	213257	20.050	ng/ul	98
43) 1,1'-Biphenyl	12.986	154	711840	20.861	ng/ul	98
44) 2-Chloronaphthalene	13.022	162	586829	21.505	ng/ul	98
45) 2-Nitroaniline	13.239	65	143453	19.923	ng/ul	99
47) Dimethylphthalate	13.627	163	678975	19.787	ng/ul	100
48) 2,6-Dinitrotoluene	13.745	165	123156	19.238	ng/ul	96
50) Acenaphthylene	13.874	152	849529	20.926	ng/ul	99
51) 3-Nitroaniline	14.074	138	109061	17.363	ng/ul	94
52) Acenaphthene	14.221	153	612846	21.129	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	54869	13.685	ng/ul	96
55) 4-Nitrophenol	14.398	109	68007	16.055	ng/ul	92
56) Dibenzofuran	14.563	168	875703	21.260	ng/ul	100
57) 2,4-Dinitrotoluene	14.539	165	181488	19.105	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.792	232	176528	19.647	ng/ul	97
59) Diethylphthalate	15.010	149	659571	19.723	ng/ul	99
61) Fluorene	15.216	166	745410	22.150	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	403323	21.991	ng/ul	99
63) 4-Nitroaniline	15.245	138	105546	18.677	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.304	198	113395	17.712	ng/ul#	99
67) N-Nitrosodiphenylamine	15.433	169	569549	20.835	ng/ul	99
68) 4-Bromophenyl-phenylether	16.115	248	213870	20.415	ng/ul	97
69) Hexachlorobenzene	16.221	284	245876	20.180	ng/ul	99
70) Atrazine	16.398	200	214038	19.152	ng/ul	98
71) Pentachlorophenol	16.568	266	135198	16.750	ng/ul	97
72) Phenanthrene	16.951	178	1073531	20.960	ng/ul	99
74) Anthracene	17.045	178	1093733	21.275	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.945	216	337318	21.908	ng/uL	99
76) Pentachlorobenzene	14.480	250	332974	21.666	ng/uL	99
77) Carbazole	17.321	167	898399	19.696	ng/ul	99
78) Di-n-butylphthalate	17.904	149	1072934	19.198	ng/ul	99
80) Fluoranthene	18.980	202	1189258	19.981	ng/ul	99
82) Pyrene	19.345	202	1303904	20.580	ng/ul	98
83) Butylbenzylphthalate	20.274	149	403377	17.983	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.062	252	270102	16.948	ng/ul	99
85) Benzo(a)anthracene	21.127	228	1213524	20.460	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.080	149	611808	18.340	ng/ul	99
87) Chrysene	21.186	228	1121975	20.721	ng/ul	99
89) Di-n-octyl phthalate	22.144	149	916063	15.590	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	1063636	19.702	ng/ul	99
91) Benzo(k)fluoranthene	23.109	252	1094014	20.324	ng/ul	98
93) Benzo(a)pyrene	23.791	252	998108	20.468	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.003	276	1198950	21.433	ng/ul	98
95) Dibenzo(a,h)anthracene	27.062	278	979790	21.505	ng/ul	97
96) Benzo(g,h,i)perylene	27.962	276	924558	22.141	ng/ul	99

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

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