

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011325\
 Data File : BM049341.D
 Acq On : 13 Jan 2025 17:02
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV012

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 01/14/2025

Supervised By :mohammad
 ahmed
 01/16/2025

Quant Time: Jan 13 17:34:49 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	256987	20.000	ng/u1	0.00
20) Naphthalene-d8	10.287	136	1029199	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.163	164	717479	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.916	188	1460924	20.000	ng/u1	0.00
79) Chrysene-d12	21.145	240	1320698	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1131815	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	47370	7.627	ng/uL	0.00
4) Pyridine-d5	3.511	84	384912	19.467	ng/u1	0.00
7) Phenol-d5	6.716	99	429216	19.896	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	328220	22.849	ng/u1	0.00
11) 2-Chlorophenol-d4	7.063	132	343903	20.839	ng/u1	0.00
15) 4-Methylphenol-d8	8.240	113	332452	19.873	ng/u1	0.00
21) Nitrobenzene-d5	8.669	128	165305	21.062	ng/u1	0.00
24) 2-Nitrophenol-d4	9.381	143	184676	21.049	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	378310	21.131	ng/u1	0.00
31) 4-Chloroaniline-d4	10.428	131	466292	19.793	ng/u1	0.00
46) Dimethylphthalate-d6	13.586	166	1088169	20.377	ng/u1	0.00
49) Acenaphthylene-d8	13.851	160	1291949	21.193	ng/u1	0.00
54) 4-Nitrophenol-d4	14.386	143	163742	18.517	ng/u1	0.00
60) Fluorene-d10	15.163	176	958116	20.769	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	170800	18.345	ng/u1	0.00
73) Anthracene-d10	17.016	188	1485826	20.574	ng/u1	0.00
81) Pyrene-d10	19.321	212	1663863	20.701	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	1244759	20.487	ng/u1	0.00

Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.152	88	52397	7.700	ng/uL	97
5) Pyridine	3.528	79	344375	17.229	ng/u1	99
6) Benzaldehyde	6.681	77	243618	20.947	ng/u1	98
8) Phenol	6.746	94	419485	18.703	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.963	93	348154	19.061	ng/u1	99
12) 2-Chlorophenol	7.093	128	330145	19.246	ng/u1	99
13) 2-Methylphenol	7.975	108	304233	18.565	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.046	45	555244	20.284	ng/u1	100
16) Acetophenone	8.340	105	549898	20.127	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.328	70	302286	20.484	ng/u1	97
18) 4-Methylphenol	8.298	108	335763	18.701	ng/u1	98
19) Hexachloroethane	8.581	117	142137	19.285	ng/u1	97
22) Nitrobenzene	8.710	77	396422	19.497	ng/u1	99
23) Isophorone	9.234	82	760478	19.249	ng/u1	100
25) 2-Nitrophenol	9.410	139	188429	19.541	ng/u1	97
26) 2,4-Dimethylphenol	9.487	107	302037	16.736	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.716	93	465376	19.166	ng/u1	98
29) 2,4-Dichlorophenol	9.945	162	346207	19.409	ng/u1	98
30) Naphthalene	10.334	128	1046109	19.152	ng/u1	99
32) 4-Chloroaniline	10.451	127	435313	19.377	ng/u1	99
33) Hexachlorobutadiene	10.628	225	255195	20.038	ng/u1	99
34) Caprolactam	11.228	113	99027m	18.649	ng/u1	
35) 4-Chloro-3-methylphenol	11.592	107	317926	19.063	ng/u1	98
36) 2-Methylnaphthalene	11.957	142	775798	19.849	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.181	142	717969	18.462	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.333	216	487517	19.630	ng/ul	100
40) Hexachlorocyclopentadiene	12.316	237	305468	20.501	ng/ul	99
41) 2,4,6-Trichlorophenol	12.581	196	298382	19.531	ng/ul	99
42) 2,4,5-Trichlorophenol	12.651	196	310630	18.971	ng/ul	98
43) 1,1'-Biphenyl	12.992	154	1051993	20.026	ng/ul	99
44) 2-Chloronaphthalene	13.028	162	804752	19.156	ng/ul	98
45) 2-Nitroaniline	13.239	65	217989	19.665	ng/ul	98
47) Dimethylphthalate	13.633	163	1007686	19.076	ng/ul	99
48) 2,6-Dinitrotoluene	13.751	165	205382	20.840	ng/ul	99
50) Acenaphthylene	13.880	152	1249823	19.998	ng/ul	99
51) 3-Nitroaniline	14.080	138	200224	20.707	ng/ul	98
52) Acenaphthene	14.227	153	856514	19.181	ng/ul	99
53) 2,4-Dinitrophenol	14.286	184	118644	19.222	ng/ul	97
55) 4-Nitrophenol	14.404	109	112964	17.323	ng/ul	99
56) Dibenzofuran	14.569	168	1241897	19.585	ng/ul	100
57) 2,4-Dinitrotoluene	14.539	165	281125	19.223	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.798	232	281364	20.341	ng/ul	97
59) Diethylphthalate	15.010	149	977937	18.995	ng/ul	99
61) Fluorene	15.222	166	1022084	19.728	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.222	204	550185	19.486	ng/ul	99
63) 4-Nitroaniline	15.245	138	195665	22.490	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.304	198	175218	17.260	ng/ul	96
67) N-Nitrosodiphenylamine	15.439	169	844170	19.475	ng/ul	100
68) 4-Bromophenyl-phenylether	16.116	248	315273	18.979	ng/ul	99
69) Hexachlorobenzene	16.221	284	361454	18.709	ng/ul	97
70) Atrazine	16.404	200	316554	17.863	ng/ul	99
71) Pentachlorophenol	16.574	266	217338	16.980	ng/ul	98
72) Phenanthrene	16.957	178	1536712	18.921	ng/ul	100
74) Anthracene	17.051	178	1580170	19.383	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.951	216	454003	18.595	ng/ul	99
76) Pentachlorobenzene	14.486	250	437324	17.945	ng/ul	100
77) Carbazole	17.327	167	1359412	18.795	ng/ul	99
78) Di-n-butylphthalate	17.904	149	1662531	18.760	ng/ul	100
80) Fluoranthene	18.986	202	1776915	19.239	ng/ul	99
82) Pyrene	19.351	202	1900372	19.330	ng/ul	99
83) Butylbenzylphthalate	20.274	149	660636	18.980	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.068	252	557236	22.532	ng/ul	98
85) Benzo(a)anthracene	21.133	228	1732537	18.824	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.086	149	988629	19.098	ng/ul	99
87) Chrysene	21.186	228	1609815	19.159	ng/ul	100
89) Di-n-octyl phthalate	22.145	149	1465067	17.769	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	1440166	19.011	ng/ul	100
91) Benzo(k)fluoranthene	23.115	252	1465473	19.402	ng/ul	99
93) Benzo(a)pyrene	23.797	252	1336766	19.536	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.015	276	1425736	18.164	ng/ul	99
95) Dibenzo(a,h)anthracene	27.074	278	1175045	18.380	ng/ul	99
96) Benzo(g,h,i)perylene	27.974	276	1045793	17.848	ng/ul	100

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

