

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049408.D
 Acq On : 23 Jan 2025 07:44
 Operator : RC/JU
 Sample : PB166176BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS176

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :mohammad ahmed 01/24/2025

Quant Time: Jan 23 08:17:18 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	7.516	152	399217	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	1501637	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	905584	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1648659	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1423613	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1413153	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	58318	6.044	ng/uL	0.00
4) Pyridine-d5	3.505	84	845938	27.540	ng/ul	0.00
7) Phenol-d5	6.716	99	983223	29.339	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	632875	28.361	ng/ul	0.00
11) 2-Chlorophenol-d4	7.058	132	778091	30.351	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	727475	27.994	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	367255	32.072	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	414330	32.366	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	788379	30.181	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	872670	25.389	ng/ul	0.00
46) Dimethylphthalate-d6	13.581	166	1985446	29.457	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	2369098	30.789	ng/ul	0.00
54) 4-Nitrophenol-d4	14.387	143	300326	26.908	ng/ul	0.00
60) Fluorene-d10	15.157	176	1727244	29.664	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	224280	21.346	ng/ul	0.00
73) Anthracene-d10	17.010	188	2451608	30.081	ng/ul	0.00
81) Pyrene-d10	19.310	212	2665093	30.760	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	2364500	31.169	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	111436	10.542	ng/uL	98
5) Pyridine	3.523	79	819805	26.402	ng/ul	99
6) Benzaldehyde	6.675	77	385421	21.333	ng/ul	96
8) Phenol	6.740	94	979828	28.122	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.958	93	795753	28.045	ng/ul	99
12) 2-Chlorophenol	7.093	128	779960	29.270	ng/ul	99
13) 2-Methylphenol	7.969	108	711552	27.951	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.040	45	1209072	28.433	ng/ul	99
16) Acetophenone	8.334	105	1150575	27.109	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.328	70	621528	27.112	ng/ul	100
18) 4-Methylphenol	8.299	108	768377	27.549	ng/ul	98
19) Hexachloroethane	8.575	117	320361	27.980	ng/ul	96
22) Nitrobenzene	8.705	77	872490	29.411	ng/ul	98
23) Isophorone	9.234	82	1651216	28.646	ng/ul	99
25) 2-Nitrophenol	9.410	139	426653	30.325	ng/ul	98
26) 2,4-Dimethylphenol	9.481	107	625115	23.741	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.716	93	1019453	28.775	ng/ul	99
29) 2,4-Dichlorophenol	9.940	162	741873	28.506	ng/ul	99
30) Naphthalene	10.328	128	2304751	28.921	ng/ul	99
32) 4-Chloroaniline	10.446	127	710085	21.664	ng/ul	100
33) Hexachlorobutadiene	10.622	225	529938	28.519	ng/ul	99
34) Caprolactam	11.228	113	205594m	26.537	ng/ul	
35) 4-Chloro-3-methylphenol	11.587	107	691096	28.401	ng/ul	100
36) 2-Methylnaphthalene	11.951	142	1583184	27.762	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.175	142	1571828	27.702	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.328	216	965496	30.801	ng/ul	99
40) Hexachlorocyclopentadiene	12.310	237	357382	19.003	ng/ul	99
41) 2,4,6-Trichlorophenol	12.575	196	555817	28.824	ng/ul	99
42) 2,4,5-Trichlorophenol	12.651	196	605391	29.292	ng/ul	99
43) 1,1'-Biphenyl	12.987	154	2059859	31.067	ng/ul	100
44) 2-Chloronaphthalene	13.022	162	1637249	30.877	ng/ul	99
45) 2-Nitroaniline	13.240	65	450654	32.209	ng/ul	91
47) Dimethylphthalate	13.628	163	1931847	28.974	ng/ul	100
48) 2,6-Dinitrotoluene	13.745	165	391742	31.493	ng/ul	98
50) Acenaphthylene	13.875	152	2457281	31.151	ng/ul	100
51) 3-Nitroaniline	14.075	138	374651	30.697	ng/ul	98
52) Acenaphthene	14.222	153	1632646	28.968	ng/ul	99
53) 2,4-Dinitrophenol	14.281	184	123974	15.913	ng/ul	99
55) 4-Nitrophenol	14.398	109	209599	25.466	ng/ul	98
56) Dibenzofuran	14.563	168	2305215	28.802	ng/ul	99
57) 2,4-Dinitrotoluene	14.539	165	547161	29.642	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.792	232	422821	24.219	ng/ul	97
59) Diethylphthalate	15.010	149	1837826	28.283	ng/ul	99
61) Fluorene	15.216	166	1881019	28.765	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	1020253	28.628	ng/ul	97
63) 4-Nitroaniline	15.245	138	359138	32.705	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.304	198	237420	20.724	ng/ul	99
67) N-Nitrosodiphenylamine	15.434	169	1549186	31.670	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	596349	31.811	ng/ul	98
69) Hexachlorobenzene	16.222	284	659693	30.257	ng/ul	98
70) Atrazine	16.392	200	188262	9.414	ng/ul	100
71) Pentachlorophenol	16.569	266	278235	19.263	ng/ul	98
72) Phenanthrene	16.951	178	2766802	30.187	ng/ul	100
74) Anthracene	17.045	178	2741776	29.803	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.945	216	942498	34.206	ng/uL	100
76) Pentachlorobenzene	14.481	250	824292	29.972	ng/uL	99
77) Carbazole	17.316	167	2375319	29.101	ng/ul	99
78) Di-n-butylphthalate	17.898	149	2967607	29.673	ng/ul	99
80) Fluoranthene	18.974	202	3117018	31.309	ng/ul	99
82) Pyrene	19.339	202	3238058	30.555	ng/ul	98
83) Butylbenzylphthalate	20.268	149	1190938	31.742	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.057	252	807030	30.273	ng/ul	99
85) Benzo(a)anthracene	21.121	228	2995647	30.195	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	1694645	30.370	ng/ul	99
87) Chrysene	21.180	228	2789335	30.797	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2853566	27.719	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	2774494	29.333	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	2808651	29.781	ng/ul	99
93) Benzo(a)pyrene	23.792	252	2504278	29.312	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.003	276	3126346	31.900	ng/ul	99
95) Dibenzo(a,h)anthracene	27.056	278	2591647	32.467	ng/ul	99
96) Benzo(g,h,i)perylene	27.962	276	2307682	31.543	ng/ul	99

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

