

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049482.D
 Acq On : 28 Jan 2025 23:56
 Operator : RC/JU
 Sample : Q1184-11MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2959MSD

Quant Time: Jan 29 07:49:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 02/05/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	222536	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	815584	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	509544	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.903	188	1002788	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	991427	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	980620	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	24490	4.077	ng/uL	0.00
4) Pyridine-d5	3.516	84	99632	5.646	ng/u1	0.00
7) Phenol-d5	6.704	99	156310	8.656	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	359713	29.131	ng/u1	0.00
11) 2-Chlorophenol-d4	7.051	132	372065	26.626	ng/u1	0.00
15) 4-Methylphenol-d8	8.228	113	271675	20.534	ng/u1	0.00
21) Nitrobenzene-d5	8.657	128	188817	30.262	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	211014	31.005	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	429292	30.910	ng/u1	0.00
31) 4-Chloroaniline-d4	10.416	131	451590	25.349	ng/u1	0.00
46) Dimethylphthalate-d6	13.574	166	1252245	33.518	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	1352220	30.805	ng/u1	0.00
54) 4-Nitrophenol-d4	14.380	143	52647	8.590	ng/u1	0.00
60) Fluorene-d10	15.151	176	1084453	33.007	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	212445	33.619	ng/u1	0.00
73) Anthracene-d10	17.003	188	1737667	34.700	ng/u1	0.00
81) Pyrene-d10	19.309	212	2045861	35.299	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.732	264	1915196	36.618	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.151	88	32734	5.186	ng/uL	96
5) Pyridine	3.528	79	115351	6.374	ng/u1	94
6) Benzaldehyde	6.669	77	192269	19.386	ng/u1	98
8) Phenol	6.734	94	177085	9.343	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.951	93	446872	28.911	ng/u1	98
12) 2-Chlorophenol	7.086	128	391488	27.129	ng/u1	98
13) 2-Methylphenol	7.963	108	319178	24.030	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.033	45	661255	27.773	ng/u1	99
16) Acetophenone	8.328	105	662654	30.119	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.316	70	361134	31.297	ng/u1	99
18) 4-Methylphenol	8.286	108	303279	21.155	ng/u1	97
19) Hexachloroethane	8.569	117	86699	13.674	ng/u1	97
22) Nitrobenzene	8.698	77	496209	29.775	ng/u1	99
23) Isophorone	9.222	82	948591	31.832	ng/u1	100
25) 2-Nitrophenol	9.398	139	234937	31.090	ng/u1	96
26) 2,4-Dimethylphenol	9.475	107	410822	29.542	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.704	93	580021	31.076	ng/u1	99
29) 2,4-Dichlorophenol	9.933	162	433116	31.023	ng/u1	99
30) Naphthalene	10.322	128	1013805	23.347	ng/u1	100
32) 4-Chloroaniline	10.439	127	275531	16.164	ng/u1	98
33) Hexachlorobutadiene	10.610	225	171995	16.434	ng/u1	96
34) Caprolactam	11.221	113	16552m	4.298	ng/u1	
35) 4-Chloro-3-methylphenol	11.574	107	392732	32.558	ng/u1	98
36) 2-Methylnaphthalene	11.939	142	805273	27.191	ng/u1	100

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37) 1-Methylnaphthalene	12.163	142	819357	28.065	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.321	216	531168	28.280	ng/ul	99
40) Hexachlorocyclopentadiene	12.298	237	190261	17.267	ng/ul	97
41) 2,4,6-Trichlorophenol	12.568	196	369262	33.337	ng/ul	98
42) 2,4,5-Trichlorophenol	12.639	196	397699	34.162	ng/ul	97
43) 1,1'-Biphenyl	12.974	154	1175520	30.406	ng/ul	99
44) 2-Chloronaphthalene	13.015	162	931243	29.711	ng/ul	99
45) 2-Nitroaniline	13.227	65	286892	36.437	ng/ul	97
47) Dimethylphthalate	13.621	163	1276733	34.401	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	245388	36.764	ng/ul	99
50) Acenaphthylene	13.868	152	1427779	31.660	ng/ul	100
51) 3-Nitroaniline	14.068	138	226798	34.206	ng/ul	96
52) Acenaphthene	14.215	153	1033036	32.084	ng/ul	100
53) 2,4-Dinitrophenol	14.274	184	136426	33.055	ng/ul	96
55) 4-Nitrophenol	14.398	109	42790	9.542	ng/ul	96
56) Dibenzofuran	14.557	168	1505235	32.788	ng/ul	99
57) 2,4-Dinitrotoluene	14.533	165	370087	37.078	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.786	232	338268	35.679	ng/ul	98
59) Diethylphthalate	14.998	149	1266369	35.944	ng/ul	100
61) Fluorene	15.209	166	1276846	34.419	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.209	204	680971	33.842	ng/ul	97
63) 4-Nitroaniline	15.239	138	252980	41.319	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.298	198	242437	35.003	ng/ul	99
67) N-Nitrosodiphenylamine	15.427	169	1056400	35.339	ng/ul	98
68) 4-Bromophenyl-phenylether	16.104	248	402674	35.167	ng/ul	96
69) Hexachlorobenzene	16.215	284	463768	35.075	ng/ul	99
70) Atrazine	16.392	200	377652	32.096	ng/ul	98
71) Pentachlorophenol	16.562	266	286882	34.457	ng/ul	99
72) Phenanthrene	16.951	178	1999197	35.417	ng/ul	99
74) Anthracene	17.039	178	2020855	35.543	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.939	216	532143	29.361	ng/ul	99
76) Pentachlorobenzene	14.474	250	548359	31.642	ng/ul	99
77) Carbazole	17.315	167	1815790	35.732	ng/ul	99
78) Di-n-butylphthalate	17.898	149	2218937	38.230	ng/ul	100
80) Fluoranthene	18.974	202	2387723	36.070	ng/ul	98
82) Pyrene	19.339	202	2560993	35.956	ng/ul	99
83) Butylbenzylphthalate	20.268	149	923049	38.481	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.056	252	549831	29.208	ng/ul	100
85) Benzo(a)anthracene	21.121	228	2487092	35.711	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	1362745	38.664	ng/ul	100
87) Chrysene	21.180	228	2322252	35.905	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2212025	36.876	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	2318772	36.480	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	2380820	37.068	ng/ul	99
93) Benzo(a)pyrene	23.791	252	2191868	36.760	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.003	276	2745884	37.154	ng/ul	99
95) Dibenzo(a,h)anthracene	27.050	278	2263356	37.794	ng/ul	99
96) Benzo(g,h,i)perylene	27.956	276	2096465	37.308	ng/ul	99

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

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