

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070125\
 Data File : BM050328.D
 Acq On : 01 Jul 2025 15:07
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV005

Quant Time: Jul 01 15:40:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM070125.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 01 15:14:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	378111	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1410870	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	879870	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	1712094	20.000	ng/u1	0.00
79) Chrysene-d12	21.450	240	1814350	20.000	ng/u1	0.00
88) Perylene-d12	24.491	264	1842364	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	69947	7.636	ng/uL	0.00
4) Pyridine-d5	3.710	84	505572	20.385	ng/u1	0.00
7) Phenol-d5	7.022	99	536143	19.559	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	391883	22.544	ng/u1	0.00
11) 2-Chlorophenol-d4	7.398	132	437974	19.617	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	407265	19.502	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	189043	19.377	ng/u1	0.00
24) 2-Nitrophenol-d4	9.739	143	178439	19.623	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	431096	19.505	ng/u1	0.00
31) 4-Chloroaniline-d4	10.786	131	569957	19.411	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	1131465	18.880	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	1413671	19.265	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	199181	18.493	ng/u1	0.00
60) Fluorene-d10	15.486	176	1016917	18.692	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	123541	16.706	ng/u1	0.00
73) Anthracene-d10	17.327	188	1586732	18.689	ng/u1	0.00
81) Pyrene-d10	19.609	212	1790021	18.469	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.285	264	1747390	18.708	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	72471	7.623	ng/uL	99
5) Pyridine	3.728	79	504906	19.515	ng/u1	97
6) Benzaldehyde	7.004	77	353734	23.390	ng/u1	97
8) Phenol	7.045	94	579373	20.170	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.287	93	457795	20.291	ng/u1	98
12) 2-Chlorophenol	7.428	128	463910	19.810	ng/u1	99
13) 2-Methylphenol	8.298	108	419688	20.252	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.398	45	714289	20.272	ng/u1	100
16) Acetophenone	8.686	105	696915	20.817	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.669	70	344978	19.861	ng/u1	98
18) 4-Methylphenol	8.628	108	451723	20.066	ng/u1	96
19) Hexachloroethane	8.957	117	190806	19.760	ng/u1	98
22) Nitrobenzene	9.063	77	500142	19.836	ng/u1	99
23) Isophorone	9.592	82	888338	19.293	ng/u1	98
25) 2-Nitrophenol	9.775	139	217397	20.180	ng/u1	97
26) 2,4-Dimethylphenol	9.833	107	456960	18.955	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.075	93	574395	19.340	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	432650	19.664	ng/u1	99
30) Naphthalene	10.716	128	1384713	19.083	ng/u1	100
32) 4-Chloroaniline	10.810	127	605688	20.387	ng/u1	99
33) Hexachlorobutadiene	11.016	225	299246	19.369	ng/u1	98
34) Caprolactam	11.557	113	122535	19.146	ng/u1	92
35) 4-Chloro-3-methylphenol	11.933	107	392737	19.519	ng/u1	99
36) 2-Methylnaphthalene	12.327	142	867990	17.201	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	916365	18.341	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.692	216	565985	19.775	ng/ul	98
40) Hexachlorocyclopentadiene	12.680	237	283773	19.014	ng/ul	98
41) 2,4,6-Trichlorophenol	12.927	196	325484	19.840	ng/ul	100
42) 2,4,5-Trichlorophenol	12.992	196	356174	19.531	ng/ul	96
43) 1,1'-Biphenyl	13.333	154	1275130	19.673	ng/ul	99
44) 2-Chloronaphthalene	13.374	162	998889	19.243	ng/ul	99
45) 2-Nitroaniline	13.563	65	246042	20.528	ng/ul	96
47) Dimethylphthalate	13.951	163	1153955	19.353	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	227781	23.388	ng/ul	96
50) Acenaphthylene	14.216	152	1567806	19.177	ng/ul	100
51) 3-Nitroaniline	14.380	138	250446	23.736	ng/ul	97
52) Acenaphthene	14.557	153	1001806	18.939	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	74189	16.990	ng/ul	97
55) 4-Nitrophenol	14.680	109	166057	19.699	ng/ul	98
56) Dibenzofuran	14.892	168	1459421	19.161	ng/ul	100
57) 2,4-Dinitrotoluene	14.839	165	308045	21.194	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.115	232	303495	21.542	ng/ul	95
59) Diethylphthalate	15.315	149	1075467	19.193	ng/ul	98
61) Fluorene	15.539	166	1212605	19.170	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	619249	19.153	ng/ul	96
63) 4-Nitroaniline	15.539	138	258469	24.781	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.604	198	150492	18.080	ng/ul	95
67) N-Nitrosodiphenylamine	15.745	169	1016399	19.317	ng/ul	100
68) 4-Bromophenyl-phenylether	16.427	248	351489	18.851	ng/ul	96
69) Hexachlorobenzene	16.539	284	424643	18.960	ng/ul	98
70) Atrazine	16.686	200	335758	18.658	ng/ul	100
71) Pentachlorophenol	16.874	266	236642	18.595	ng/ul	96
72) Phenanthrene	17.268	178	1845192	18.934	ng/ul	99
74) Anthracene	17.362	178	1880194	19.064	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	524233	18.087	ng/ul	99
76) Pentachlorobenzene	14.816	250	497302	18.223	ng/ul	99
77) Carbazole	17.621	167	1702064	19.724	ng/ul	100
78) Di-n-butylphthalate	18.198	149	1712969	19.658	ng/ul	100
80) Fluoranthene	19.274	202	2055858	18.437	ng/ul	100
82) Pyrene	19.639	202	2255757	18.649	ng/ul	98
83) Butylbenzylphthalate	20.539	149	662337	19.413	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.356	252	730376	22.198	ng/ul	98
85) Benzo(a)anthracene	21.439	228	2255384	19.052	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.374	149	1062828	19.911	ng/ul	100
87) Chrysene	21.497	228	2111908	18.873	ng/ul	99
89) Di-n-octyl phthalate	22.533	149	1644538	17.841	ng/ul	100
90) Benzo(b)fluoranthene	23.533	252	2089038	18.804	ng/ul	99
91) Benzo(k)fluoranthene	23.597	252	2186681	19.319	ng/ul	100
93) Benzo(a)pyrene	24.350	252	2103625	19.774	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.926	276	2500672	19.015	ng/ul	99
95) Dibenzo(a,h)anthracene	27.997	278	2077752	19.019	ng/ul	99
96) Benzo(g,h,i)perylene	28.997	276	1996443	18.874	ng/ul	99

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

