

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031425\
 Data File : BM049720.D
 Acq On : 14 Mar 2025 11:59
 Operator : RC/JU
 Sample : SSTD02086
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020029

Quant Time: Mar 14 14:05:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 14 14:07:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	364444	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1446746	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	1043915	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	2125098	20.000	ng/u1	0.00
79) Chrysene-d12	21.421	240	1951382	20.000	ng/u1	0.00
88) Perylene-d12	24.433	264	1496749	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	79073	8.370	ng/uL	0.00
4) Pyridine-d5	3.657	84	587609	20.784	ng/u1	0.00
7) Phenol-d5	6.969	99	617670	20.729	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	404934	20.723	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	494340	22.517	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	489555	21.602	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	238807	21.841	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	257509	22.977	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	561389	23.053	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	715083	21.471	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	1661097	21.585	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1945049	21.532	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	278697	20.590	ng/u1	0.00
60) Fluorene-d10	15.433	176	1464189	21.667	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	246744	19.566	ng/u1	0.00
73) Anthracene-d10	17.280	188	2301959	21.259	ng/u1	0.00
81) Pyrene-d10	19.574	212	2569456	23.188	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.227	264	1744247	21.720	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	83950	8.483	ng/uL	100
5) Pyridine	3.675	79	592851	20.673	ng/u1	100
6) Benzaldehyde	6.940	77	422635	25.223	ng/u1	100
8) Phenol	6.998	94	644604	20.759	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.222	93	536471	21.414	ng/u1	100
12) 2-Chlorophenol	7.363	128	508869	22.078	ng/u1	100
13) 2-Methylphenol	8.245	108	469020	21.248	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	681670	20.113	ng/u1	100
16) Acetophenone	8.622	105	836975	21.926	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.610	70	444052	22.642	ng/u1	100
18) 4-Methylphenol	8.575	108	520927	21.475	ng/u1	100
19) Hexachloroethane	8.881	117	223383	21.601	ng/u1	100
22) Nitrobenzene	8.998	77	597001	20.762	ng/u1	100
23) Isophorone	9.528	82	1166611	22.086	ng/u1	100
25) 2-Nitrophenol	9.710	139	289273	22.872	ng/u1	100
26) 2,4-Dimethylphenol	9.775	107	530900	21.817	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.004	93	719024	21.841	ng/u1	100
29) 2,4-Dichlorophenol	10.245	162	553277	22.525	ng/u1	100
30) Naphthalene	10.645	128	1619296	21.321	ng/u1	100
32) 4-Chloroaniline	10.751	127	683379	21.341	ng/u1	100
33) Hexachlorobutadiene	10.939	225	392334	22.341	ng/u1	100
34) Caprolactam	11.522	113	161988	22.188	ng/u1	100
35) 4-Chloro-3-methylphenol	11.886	107	504408	23.028	ng/u1	100
36) 2-Methylnaphthalene	12.257	142	1219435	22.593	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	1199092	22.458	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.627	216	785871	21.267	ng/ul	100
40) Hexachlorocyclopentadiene	12.616	237	441822	19.465	ng/ul	100
41) 2,4,6-Trichlorophenol	12.869	196	475357	22.856	ng/ul	100
42) 2,4,5-Trichlorophenol	12.945	196	514091	22.570	ng/ul	100
43) 1,1'-Biphenyl	13.274	154	1662643	21.027	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	1317154	20.863	ng/ul	100
45) 2-Nitroaniline	13.516	65	332723	20.816	ng/ul	100
47) Dimethylphthalate	13.898	163	1641274	21.406	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	313523	22.623	ng/ul	100
50) Acenaphthylene	14.163	152	1975338	21.215	ng/ul	100
51) 3-Nitroaniline	14.339	138	303323	21.090	ng/ul	100
52) Acenaphthene	14.504	153	1412074	21.057	ng/ul	100
53) 2,4-Dinitrophenol	14.545	184	158643	19.872	ng/ul	100
55) 4-Nitrophenol	14.657	109	219294	19.788	ng/ul	100
56) Dibenzofuran	14.839	168	1984087	21.210	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	455036	22.626	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.068	232	419354	23.455	ng/ul	100
59) Diethylphthalate	15.268	149	1585309	21.406	ng/ul	100
61) Fluorene	15.486	166	1760237	21.438	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	947615	21.832	ng/ul	100
63) 4-Nitroaniline	15.498	138	317217	22.088	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.563	198	278136	19.752	ng/ul	100
67) N-Nitrosodiphenylamine	15.698	169	1370368	21.066	ng/ul	100
68) 4-Bromophenyl-phenylether	16.374	248	521561	21.575	ng/ul	100
69) Hexachlorobenzene	16.492	284	589431	21.043	ng/ul	100
70) Atrazine	16.651	200	532926	20.888	ng/ul	100
71) Pentachlorophenol	16.833	266	337716	19.334	ng/ul	100
72) Phenanthrene	17.227	178	2577450	20.889	ng/ul	100
74) Anthracene	17.315	178	2615553	20.973	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	757699	20.864	ng/ul	100
76) Pentachlorobenzene	14.763	250	758822	21.302	ng/ul	100
77) Carbazole	17.580	167	2242972	19.681	ng/ul	100
78) Di-n-butylphthalate	18.156	149	2617295	20.958	ng/ul	100
80) Fluoranthene	19.239	202	2931195	22.903	ng/ul	100
82) Pyrene	19.603	202	3187096	22.807	ng/ul	100
83) Butylbenzylphthalate	20.503	149	986544	21.665	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.327	252	828364	20.444	ng/ul	100
85) Benzo(a)anthracene	21.403	228	2898849	21.412	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.333	149	1473539	20.549	ng/ul	100
87) Chrysene	21.462	228	2612775	21.036	ng/ul	100
89) Di-n-octyl phthalate	22.474	149	1985851	20.149	ng/ul	100
90) Benzo(b)fluoranthene	23.480	252	2221329	22.349	ng/ul	100
91) Benzo(k)fluoranthene	23.544	252	2232516	22.091	ng/ul	100
93) Benzo(a)pyrene	24.291	252	1973686	21.663	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.821	276	2047888	18.701	ng/ul	100
95) Dibenzo(a,h)anthracene	27.885	278	1676265	18.677	ng/ul	100
96) Benzo(g,h,i)perylene	28.879	276	1515921	18.242	ng/ul	100

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

