

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031425\
 Data File : BM049719.D
 Acq On : 14 Mar 2025 11:20
 Operator : RC/JU
 Sample : SSTD01085
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD010028

Quant Time: Mar 14 14:12:56 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	419355	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	1582975	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	1130195	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	2315940	20.000	ng/u1	0.00
79) Chrysene-d12	21.421	240	2160219	20.000	ng/u1	0.00
88) Perylene-d12	24.433	264	1840155	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	39223	3.608	ng/uL	0.00
4) Pyridine-d5	3.657	84	279180	8.582	ng/u1	0.00
7) Phenol-d5	6.969	99	287857	8.396	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	199725	8.883	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	230015	9.105	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	223520	8.571	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	109355	9.141	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	109955	8.967	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	249559	9.366	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	325575	8.934	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	761347	9.138	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	869612	8.892	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	119904	8.182	ng/u1	0.00
60) Fluorene-d10	15.433	176	667610	9.125	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	96460	7.019	ng/u1	0.00
73) Anthracene-d10	17.280	188	1028420	8.715	ng/u1	0.00
81) Pyrene-d10	19.574	212	1135659	9.258	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.227	264	826940	8.376	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	43681	3.836	ng/uL	90
5) Pyridine	3.681	79	285802	8.661	ng/u1	97
6) Benzaldehyde	6.934	77	204031	10.582	ng/u1	99
8) Phenol	6.998	94	303664	8.499	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.222	93	256767	8.907	ng/u1	99
12) 2-Chlorophenol	7.363	128	239265	9.022	ng/u1	99
13) 2-Methylphenol	8.245	108	212762	8.377	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	330893	8.485	ng/u1	100
16) Acetophenone	8.616	105	387229	8.816	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.604	70	201813	8.943	ng/u1	98
18) 4-Methylphenol	8.569	108	239763	8.590	ng/u1	96
19) Hexachloroethane	8.881	117	108180	9.091	ng/u1	97
22) Nitrobenzene	8.992	77	277613	8.824	ng/u1	97
23) Isophorone	9.528	82	530059	9.172	ng/u1	100
25) 2-Nitrophenol	9.710	139	129037	9.324	ng/u1	99
26) 2,4-Dimethylphenol	9.775	107	244113	9.168	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.004	93	333726	9.265	ng/u1	98
29) 2,4-Dichlorophenol	10.245	162	255851	9.520	ng/u1	99
30) Naphthalene	10.645	128	752878	9.060	ng/u1	99
32) 4-Chloroaniline	10.751	127	308962	8.818	ng/u1	98
33) Hexachlorobutadiene	10.939	225	186027	9.681	ng/u1	97
34) Caprolactam	11.516	113	67767	8.484	ng/u1	97
35) 4-Chloro-3-methylphenol	11.886	107	223836	9.340	ng/u1	98
36) 2-Methylnaphthalene	12.257	142	550338	9.319	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	549256	9.402	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.627	216	358106	8.951	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	194135	7.900	ng/ul	100
41) 2,4,6-Trichlorophenol	12.869	196	206149	9.155	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	220792	8.953	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	760610	8.885	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	610366	8.930	ng/ul	98
45) 2-Nitroaniline	13.516	65	140920	8.143	ng/ul	100
47) Dimethylphthalate	13.898	163	754669	9.091	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	134831	8.986	ng/ul	98
50) Acenaphthylene	14.163	152	893611	8.865	ng/ul	99
51) 3-Nitroaniline	14.339	138	130983	8.412	ng/ul	99
52) Acenaphthene	14.504	153	641173	8.831	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	60900	7.046	ng/ul	99
55) 4-Nitrophenol	14.651	109	97551	8.130	ng/ul	97
56) Dibenzofuran	14.839	168	920350	9.087	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	200062	9.188	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.068	232	179853	9.291	ng/ul	94
59) Diethylphthalate	15.263	149	735739	9.176	ng/ul	99
61) Fluorene	15.486	166	777558	8.747	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	418002	8.895	ng/ul	98
63) 4-Nitroaniline	15.498	138	136799	8.798	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.557	198	115848	7.549	ng/ul#	94
67) N-Nitrosodiphenylamine	15.698	169	617640	8.712	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	237532	9.016	ng/ul	97
69) Hexachlorobenzene	16.492	284	268820	8.806	ng/ul	100
70) Atrazine	16.645	200	237550	8.543	ng/ul	99
71) Pentachlorophenol	16.833	266	142568	7.489	ng/ul	97
72) Phenanthrene	17.221	178	1160527	8.630	ng/ul	99
74) Anthracene	17.315	178	1174141	8.639	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	345797	8.737	ng/uL	100
76) Pentachlorobenzene	14.763	250	346873	8.935	ng/uL	99
77) Carbazole	17.580	167	1023748	8.242	ng/ul	99
78) Di-n-butylphthalate	18.156	149	1188398	8.732	ng/ul	99
80) Fluoranthene	19.239	202	1305513	9.215	ng/ul	99
82) Pyrene	19.603	202	1418063	9.167	ng/ul	99
83) Butylbenzylphthalate	20.503	149	432059	8.571	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.327	252	352337	7.855	ng/ul	99
85) Benzo(a)anthracene	21.403	228	1333430	8.897	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	648478	8.169	ng/ul	100
87) Chrysene	21.462	228	1205959	8.771	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	884724	7.301	ng/ul	100
90) Benzo(b)fluoranthene	23.480	252	1067810	8.738	ng/ul	99
91) Benzo(k)fluoranthene	23.544	252	1074170	8.645	ng/ul	100
93) Benzo(a)pyrene	24.291	252	946791	8.452	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.821	276	1016567	7.551	ng/ul	100
95) Dibenzo(a,h)anthracene	27.879	278	815101	7.387	ng/ul	98
96) Benzo(g,h,i)perylene	28.873	276	768300	7.520	ng/ul	99

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

