

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032125\
 Data File : BM049742.D
 Acq On : 21 Mar 2025 15:38
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV040

Quant Time: Mar 21 16:32:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 21 16:26:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	311181	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	1070464	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	655022	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1235641	20.000	ng/u1	0.00
79) Chrysene-d12	21.421	240	1151790	20.000	ng/u1	0.00
88) Perylene-d12	24.438	264	1101533	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	57111	7.131	ng/uL	0.00
4) Pyridine-d5	3.663	84	407704	17.417	ng/u1	0.00
7) Phenol-d5	6.975	99	417737	17.870	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	290895	19.116	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	337534	18.933	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	312307	18.150	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	155389	19.699	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	155633	19.493	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	348570	19.269	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	422841	18.478	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	863562	18.806	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1073119	19.261	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	140251	17.934	ng/u1	0.00
60) Fluorene-d10	15.433	176	763620	18.478	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	113081	16.031	ng/u1	0.00
73) Anthracene-d10	17.286	188	1146983	18.539	ng/u1	0.00
81) Pyrene-d10	19.574	212	1242196	18.915	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.233	264	1067755	18.308	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	59957	7.140	ng/uL	96
5) Pyridine	3.687	79	407655	17.364	ng/u1	98
6) Benzaldehyde	6.939	77	299785	23.200	ng/u1	98
8) Phenol	6.998	94	436472	17.920	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.228	93	352765	17.811	ng/u1	96
12) 2-Chlorophenol	7.369	128	360324	19.120	ng/u1	97
13) 2-Methylphenol	8.251	108	310893	18.348	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.334	45	422560	17.323	ng/u1	98
16) Acetophenone	8.622	105	531168	18.483	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.610	70	255004	18.447	ng/u1	96
18) 4-Methylphenol	8.575	108	333707	18.189	ng/u1	96
19) Hexachloroethane	8.886	117	155938	18.395	ng/u1	98
22) Nitrobenzene	8.998	77	369422	17.935	ng/u1	97
23) Isophorone	9.528	82	666949	18.992	ng/u1	99
25) 2-Nitrophenol	9.716	139	177101	19.352	ng/u1	95
26) 2,4-Dimethylphenol	9.775	107	347167	20.274	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.010	93	440702	19.144	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	345082	18.836	ng/u1	99
30) Naphthalene	10.651	128	1038662	18.705	ng/u1	99
32) 4-Chloroaniline	10.757	127	443193	20.048	ng/u1	98
33) Hexachlorobutadiene	10.945	225	257402	18.044	ng/u1	99
34) Caprolactam	11.527	113	81558	17.829	ng/u1	88
35) 4-Chloro-3-methylphenol	11.886	107	283442	19.455	ng/u1	99
36) 2-Methylnaphthalene	12.263	142	656823	17.044	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	682026	17.941	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	466885	18.588	ng/ul	99
40) Hexachlorocyclopentadiene	12.621	237	291628	19.645	ng/ul	97
41) 2,4,6-Trichlorophenol	12.874	196	257604	19.408	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	282547	19.702	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	964785	19.442	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	762626	18.960	ng/ul	98
45) 2-Nitroaniline	13.516	65	168568	19.633	ng/ul	99
47) Dimethylphthalate	13.904	163	875542	19.221	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	177967	22.410	ng/ul	94
50) Acenaphthylene	14.163	152	1155522	20.307	ng/ul	100
51) 3-Nitroaniline	14.339	138	173639	21.155	ng/ul	98
52) Acenaphthene	14.510	153	750725	18.174	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	74361	15.831	ng/ul	97
55) 4-Nitrophenol	14.657	109	110110	17.734	ng/ul	97
56) Dibenzofuran	14.845	168	1095578	18.845	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	233534	20.137	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.068	232	228390	20.715	ng/ul	99
59) Diethylphthalate	15.268	149	790499	18.632	ng/ul	100
61) Fluorene	15.492	166	912199	18.618	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.486	204	476749	17.845	ng/ul	98
63) 4-Nitroaniline	15.504	138	179556	23.240	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.562	198	133096	16.729	ng/ul	100
67) N-Nitrosodiphenylamine	15.698	169	727123	19.570	ng/ul	98
68) 4-Bromophenyl-phenylether	16.380	248	266785	18.710	ng/ul	99
69) Hexachlorobenzene	16.498	284	299571	18.220	ng/ul	100
70) Atrazine	16.651	200	246725	18.077	ng/ul	100
71) Pentachlorophenol	16.839	266	163628	16.357	ng/ul	96
72) Phenanthrene	17.227	178	1311556	18.615	ng/ul	100
74) Anthracene	17.321	178	1338431	18.934	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	428383	18.378	ng/ul	99
76) Pentachlorobenzene	14.763	250	383960	17.457	ng/ul	98
77) Carbazole	17.586	167	1152934	18.336	ng/ul	99
78) Di-n-butylphthalate	18.156	149	1191774	18.356	ng/ul	99
80) Fluoranthene	19.245	202	1436174	18.988	ng/ul	99
82) Pyrene	19.603	202	1531193	18.681	ng/ul	98
83) Butylbenzylphthalate	20.509	149	456066	19.274	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.327	252	467982	20.100	ng/ul	98
85) Benzo(a)anthracene	21.403	228	1486370	18.766	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	697882	18.747	ng/ul	99
87) Chrysene	21.468	228	1359234	18.423	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	996599	16.000	ng/ul	100
90) Benzo(b)fluoranthene	23.491	252	1333008	18.626	ng/ul	100
91) Benzo(k)fluoranthene	23.550	252	1331722	18.040	ng/ul	99
93) Benzo(a)pyrene	24.297	252	1279984	19.301	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.838	276	1495603	18.061	ng/ul	99
95) Dibenzo(a,h)anthracene	27.897	278	1231900	18.285	ng/ul	98
96) Benzo(g,h,i)perylene	28.891	276	1208025	19.005	ng/ul	99

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

