

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032425\
 Data File : BM049744.D
 Acq On : 24 Mar 2025 10:23
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020092

Quant Time: Mar 24 13:42:11 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	317513	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	1196916	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	806542	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1511933	20.000	ng/u1	0.00
79) Chrysene-d12	21.427	240	1317033	20.000	ng/u1	0.00
88) Perylene-d12	24.438	264	1144428	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	67756	8.292	ng/uL	0.00
4) Pyridine-d5	3.663	84	502089	21.022	ng/u1	0.00
7) Phenol-d5	6.975	99	526783	22.086	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	354563	22.835	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	419174	23.043	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	402957	22.951	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	195000	22.109	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	201974	22.624	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	452909	22.392	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	557535	21.791	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	1229295	21.741	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1473445	21.478	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	183416	19.048	ng/u1	0.00
60) Fluorene-d10	15.433	176	1089854	21.418	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	156609	18.144	ng/u1	0.00
73) Anthracene-d10	17.286	188	1615165	21.335	ng/u1	0.00
81) Pyrene-d10	19.574	212	1712513	22.805	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.233	264	1312601	21.662	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	71089	8.296	ng/uL	96
5) Pyridine	3.681	79	510197	21.299	ng/u1	94
6) Benzaldehyde	6.939	77	358974	27.226	ng/u1	97
8) Phenol	6.998	94	550287	22.143	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.228	93	455342	22.532	ng/u1	100
12) 2-Chlorophenol	7.369	128	435166	22.631	ng/u1	98
13) 2-Methylphenol	8.251	108	382871	22.145	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	591604	23.770	ng/u1	98
16) Acetophenone	8.622	105	691954	23.598	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.610	70	354548	25.136	ng/u1	98
18) 4-Methylphenol	8.575	108	425572	22.734	ng/u1	96
19) Hexachloroethane	8.886	117	190037	21.971	ng/u1	97
22) Nitrobenzene	8.998	77	498790	21.658	ng/u1	99
23) Isophorone	9.528	82	895466	22.806	ng/u1	99
25) 2-Nitrophenol	9.710	139	230730	22.548	ng/u1	100
26) 2,4-Dimethylphenol	9.775	107	425818	22.240	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.010	93	580465	22.552	ng/u1	100
29) 2,4-Dichlorophenol	10.251	162	456647	22.292	ng/u1	98
30) Naphthalene	10.651	128	1333546	21.479	ng/u1	100
32) 4-Chloroaniline	10.757	127	542174	21.934	ng/u1	99
33) Hexachlorobutadiene	10.945	225	328262	20.580	ng/u1	99
34) Caprolactam	11.527	113	105578	20.641	ng/u1	96
35) 4-Chloro-3-methylphenol	11.886	107	377956	23.202	ng/u1	99
36) 2-Methylnaphthalene	12.263	142	969893	22.510	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	955834	22.487	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	632181	20.441	ng/ul	100
40) Hexachlorocyclopentadiene	12.621	237	348091	19.043	ng/ul	96
41) 2,4,6-Trichlorophenol	12.874	196	358238	21.919	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	391027	22.144	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	1303860	21.339	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	1049100	21.182	ng/ul	99
45) 2-Nitroaniline	13.516	65	237726	22.486	ng/ul	100
47) Dimethylphthalate	13.898	163	1222129	21.789	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	220313	22.531	ng/ul	98
50) Acenaphthylene	14.163	152	1500719	21.419	ng/ul	100
51) 3-Nitroaniline	14.339	138	209163	20.696	ng/ul	98
52) Acenaphthene	14.510	153	1075851	21.152	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	95381	16.492	ng/ul	98
55) 4-Nitrophenol	14.657	109	148734	19.455	ng/ul	98
56) Dibenzofuran	14.839	168	1522324	21.267	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	322063	22.553	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.068	232	291596	21.479	ng/ul	99
59) Diethylphthalate	15.268	149	1140840	21.838	ng/ul	100
61) Fluorene	15.492	166	1313138	21.766	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.486	204	708631	21.542	ng/ul	98
63) 4-Nitroaniline	15.504	138	212771	22.366	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.562	198	185840	19.090	ng/ul#	99
67) N-Nitrosodiphenylamine	15.698	169	996618	21.922	ng/ul	100
68) 4-Bromophenyl-phenylether	16.380	248	375540	21.525	ng/ul	99
69) Hexachlorobenzene	16.498	284	424242	21.087	ng/ul	99
70) Atrazine	16.651	200	353146	21.146	ng/ul	99
71) Pentachlorophenol	16.839	266	223298	18.243	ng/ul	98
72) Phenanthrene	17.227	178	1825538	21.176	ng/ul	99
74) Anthracene	17.315	178	1854868	21.444	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	604279	21.187	ng/ul	99
76) Pentachlorobenzene	14.763	250	574424	21.344	ng/ul	99
77) Carbazole	17.586	167	1539250	20.006	ng/ul	99
78) Di-n-butylphthalate	18.156	149	1733381	21.819	ng/ul	99
80) Fluoranthene	19.239	202	1966556	22.738	ng/ul	99
82) Pyrene	19.603	202	2138138	22.813	ng/ul	97
83) Butylbenzylphthalate	20.509	149	620724	22.941	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.327	252	502151	18.861	ng/ul	100
85) Benzo(a)anthracene	21.409	228	1958266	21.622	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	963435	22.633	ng/ul	99
87) Chrysene	21.468	228	1784946	21.158	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	1315988	20.336	ng/ul	100
90) Benzo(b)fluoranthene	23.485	252	1632183	21.951	ng/ul	100
91) Benzo(k)fluoranthene	23.550	252	1645520	21.455	ng/ul	100
93) Benzo(a)pyrene	24.297	252	1485118	21.555	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.832	276	1788836	20.793	ng/ul	99
95) Dibenzo(a,h)anthracene	27.897	278	1454832	20.784	ng/ul	98
96) Benzo(g,h,i)perylene	28.891	276	1369244	20.734	ng/ul	97

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

