

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032125\
 Data File : BM049738.D
 Acq On : 21 Mar 2025 13:00
 Operator : RC/JU
 Sample : SSTD02092
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020036

Quant Time: Mar 21 16:02:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 21 16:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	244359	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	845136	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	545942	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1071520	20.000	ng/u1	0.00
79) Chrysene-d12	21.427	240	1056201	20.000	ng/u1	0.00
88) Perylene-d12	24.444	264	1016611	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	55080	9.206	ng/uL	0.00
4) Pyridine-d5	3.663	84	395711	21.667	ng/u1	0.00
7) Phenol-d5	6.975	99	384952	19.553	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	259632	21.032	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	308638	20.897	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	284774	18.886	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	135117	21.155	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	137100	20.118	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	311910	20.964	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	383917	20.325	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	832537	20.875	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1000961	21.427	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	132974	19.802	ng/u1	0.00
60) Fluorene-d10	15.439	176	742513	20.839	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	105657	16.169	ng/u1	0.00
73) Anthracene-d10	17.286	188	1146898	21.142	ng/u1	0.00
81) Pyrene-d10	19.580	212	1280456	20.173	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.238	264	1144841	21.095	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	57489	9.044	ng/uL	100
5) Pyridine	3.687	79	402360	22.032	ng/u1	100
6) Benzaldehyde	6.945	77	263620	25.448	ng/u1	100
8) Phenol	6.998	94	406389	20.075	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.228	93	331818	20.537	ng/u1	100
12) 2-Chlorophenol	7.369	128	327041	21.329	ng/u1	100
13) 2-Methylphenol	8.251	108	275207	18.882	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.328	45	418268	20.821	ng/u1	100
16) Acetophenone	8.628	105	485901	19.841	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.610	70	239331	19.203	ng/u1	100
18) 4-Methylphenol	8.575	108	303018	18.889	ng/u1	100
19) Hexachloroethane	8.886	117	146520	21.898	ng/u1	100
22) Nitrobenzene	9.004	77	356785	22.090	ng/u1	100
23) Isophorone	9.533	82	607275	19.905	ng/u1	100
25) 2-Nitrophenol	9.716	139	158009	20.813	ng/u1	100
26) 2,4-Dimethylphenol	9.775	107	298870	21.273	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.010	93	395796	20.821	ng/u1	100
29) 2,4-Dichlorophenol	10.251	162	316445	21.185	ng/u1	100
30) Naphthalene	10.651	128	944598	21.515	ng/u1	100
32) 4-Chloroaniline	10.757	127	374342	20.828	ng/u1	100
33) Hexachlorobutadiene	10.945	225	240757	22.126	ng/u1	100
34) Caprolactam	11.522	113	74586	18.376	ng/u1	100
35) 4-Chloro-3-methylphenol	11.886	107	255586	19.536	ng/u1	100
36) 2-Methylnaphthalene	12.263	142	658022	20.406	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	648659	20.375	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.633	216	436064	21.755	ng/ul	100
40) Hexachlorocyclopentadiene	12.621	237	239269	19.995	ng/ul	100
41) 2,4,6-Trichlorophenol	12.874	196	238213	20.849	ng/ul	100
42) 2,4,5-Trichlorophenol	12.945	196	261485	21.242	ng/ul	100
43) 1,1'-Biphenyl	13.274	154	876718	21.606	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	714646	22.105	ng/ul	100
45) 2-Nitroaniline	13.516	65	156800	20.417	ng/ul	100
47) Dimethylphthalate	13.898	163	821674	20.906	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	144127	19.817	ng/ul	100
50) Acenaphthylene	14.163	152	1019315	21.396	ng/ul	100
51) 3-Nitroaniline	14.339	138	144573	20.751	ng/ul	100
52) Acenaphthene	14.510	153	732786	21.345	ng/ul	100
53) 2,4-Dinitrophenol	14.545	184	65204	14.845	ng/ul	100
55) 4-Nitrophenol	14.657	109	107476	20.835	ng/ul	100
56) Dibenzofuran	14.845	168	1041695	21.480	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	217063	20.497	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.068	232	200932	20.075	ng/ul	100
59) Diethylphthalate	15.268	149	776681	20.631	ng/ul	100
61) Fluorene	15.492	166	879065	21.125	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	468527	20.356	ng/ul	100
63) 4-Nitroaniline	15.504	138	149846	22.837	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.562	198	126135	17.245	ng/ul	100
67) N-Nitrosodiphenylamine	15.698	169	684540	21.095	ng/ul	100
68) 4-Bromophenyl-phenylether	16.380	248	256201	20.106	ng/ul	100
69) Hexachlorobenzene	16.498	284	296456	20.509	ng/ul	100
70) Atrazine	16.651	200	252977	20.471	ng/ul	100
71) Pentachlorophenol	16.839	266	156486	17.027	ng/ul	100
72) Phenanthrene	17.227	178	1281018	21.192	ng/ul	100
74) Anthracene	17.321	178	1307341	21.602	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	413761	22.179	ng/ul	100
76) Pentachlorobenzene	14.763	250	397303	21.418	ng/ul	100
77) Carbazole	17.586	167	1121421	21.597	ng/ul	100
78) Di-n-butylphthalate	18.156	149	1211944	20.491	ng/ul	100
80) Fluoranthene	19.245	202	1461230	20.477	ng/ul	100
82) Pyrene	19.609	202	1598879	21.102	ng/ul	100
83) Butylbenzylphthalate	20.509	149	468268	19.530	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.333	252	403817	18.846	ng/ul	100
85) Benzo(a)anthracene	21.409	228	1554272	21.408	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	742920	20.740	ng/ul	100
87) Chrysene	21.468	228	1442870	21.949	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	1083828	16.863	ng/ul	100
90) Benzo(b)fluoranthene	23.491	252	1391928	20.266	ng/ul	100
91) Benzo(k)fluoranthene	23.550	252	1454747	20.989	ng/ul	100
93) Benzo(a)pyrene	24.303	252	1308604	21.291	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.844	276	1635414	23.765	ng/ul	100
95) Dibenzo(a,h)anthracene	27.903	278	1337377	23.941	ng/ul	100
96) Benzo(g,h,i)perylene	28.903	276	1260171	24.436	ng/ul	100

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

