

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032425\
 Data File : BM049751.D
 Acq On : 24 Mar 2025 15:25
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020093

Quant Time: Mar 24 16:01:30 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	283972	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	974835	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	607339	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1098372	20.000	ng/u1	0.00
79) Chrysene-d12	21.427	240	1020782	20.000	ng/u1	0.00
88) Perylene-d12	24.444	264	972399	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	63654	8.710	ng/uL	0.00
4) Pyridine-d5	3.663	84	465410	21.788	ng/u1	0.00
7) Phenol-d5	6.975	99	442152	20.727	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	305440	21.995	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	359996	22.128	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	324109	20.640	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	158195	22.023	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	160920	22.132	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	365970	22.216	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	432510	20.755	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	892415	20.960	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1112567	21.536	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	135725	18.718	ng/u1	0.00
60) Fluorene-d10	15.433	176	811074	21.167	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	111289	17.748	ng/u1	0.00
73) Anthracene-d10	17.286	188	1194401	21.718	ng/u1	0.00
81) Pyrene-d10	19.574	212	1280509	22.001	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.238	264	1102357	21.411	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	68394	8.925	ng/uL	98
5) Pyridine	3.687	79	464932	21.702	ng/u1	97
6) Benzaldehyde	6.940	77	300611	25.493	ng/u1	95
8) Phenol	6.998	94	469754	21.135	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.228	93	389715	21.562	ng/u1	98
12) 2-Chlorophenol	7.369	128	375425	21.831	ng/u1	98
13) 2-Methylphenol	8.251	108	316127	20.444	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	495347	22.253	ng/u1	99
16) Acetophenone	8.622	105	555695	21.190	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.616	70	280881	22.266	ng/u1	98
18) 4-Methylphenol	8.581	108	345684	20.647	ng/u1	94
19) Hexachloroethane	8.886	117	169443	21.904	ng/u1	99
22) Nitrobenzene	8.998	77	405689	21.628	ng/u1	98
23) Isophorone	9.534	82	679154	21.237	ng/u1	100
25) 2-Nitrophenol	9.716	139	186590	22.389	ng/u1	97
26) 2,4-Dimethylphenol	9.781	107	335989	21.546	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.010	93	453746	21.645	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	369648	22.156	ng/u1	97
30) Naphthalene	10.651	128	1088935	21.534	ng/u1	100
32) 4-Chloroaniline	10.757	127	421293	20.927	ng/u1	99
33) Hexachlorobutadiene	10.945	225	280148	21.565	ng/u1	99
34) Caprolactam	11.528	113	75279	18.070	ng/u1	96
35) 4-Chloro-3-methylphenol	11.886	107	283000	21.330	ng/u1	98
36) 2-Methylnaphthalene	12.263	142	758499	21.614	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	743334	21.471	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	502945	21.596	ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	281157	20.427	ng/ul	98
41) 2,4,6-Trichlorophenol	12.874	196	266905	21.687	ng/ul	96
42) 2,4,5-Trichlorophenol	12.945	196	287799	21.644	ng/ul	97
43) 1,1'-Biphenyl	13.274	154	997024	21.669	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	812570	21.788	ng/ul	98
45) 2-Nitroaniline	13.516	65	169508	21.292	ng/ul	97
47) Dimethylphthalate	13.904	163	884513	20.942	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	161574	21.943	ng/ul	99
50) Acenaphthylene	14.163	152	1145902	21.719	ng/ul	100
51) 3-Nitroaniline	14.345	138	152736	20.069	ng/ul	97
52) Acenaphthene	14.510	153	820734	21.429	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	67703	15.546	ng/ul	96
55) 4-Nitrophenol	14.657	109	108086	18.775	ng/ul	99
56) Dibenzofuran	14.845	168	1153168	21.393	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	232801	21.650	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.068	232	212344	20.772	ng/ul	98
59) Diethylphthalate	15.268	149	814292	20.699	ng/ul	100
61) Fluorene	15.492	166	967299	21.292	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	522214	21.082	ng/ul	100
63) 4-Nitroaniline	15.504	138	157243	21.950	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.563	198	128635	18.189	ng/ul	99
67) N-Nitrosodiphenylamine	15.698	169	728108	22.046	ng/ul	100
68) 4-Bromophenyl-phenylether	16.380	248	272979	21.537	ng/ul	99
69) Hexachlorobenzene	16.498	284	313445	21.446	ng/ul	98
70) Atrazine	16.651	200	252818	20.839	ng/ul	99
71) Pentachlorophenol	16.839	266	157295	17.689	ng/ul	97
72) Phenanthrene	17.227	178	1343750	21.456	ng/ul	99
74) Anthracene	17.321	178	1360323	21.648	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	470902	22.727	ng/ul	99
76) Pentachlorobenzene	14.763	250	436290	22.315	ng/ul	99
77) Carbazole	17.586	167	1123244	20.096	ng/ul	99
78) Di-n-butylphthalate	18.156	149	1219228	21.126	ng/ul	99
80) Fluoranthene	19.245	202	1458608	21.759	ng/ul	99
82) Pyrene	19.603	202	1592439	21.922	ng/ul	98
83) Butylbenzylphthalate	20.509	149	444587	21.200	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.333	252	389025	18.853	ng/ul	99
85) Benzo(a)anthracene	21.409	228	1509300	21.502	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	702838	21.303	ng/ul	99
87) Chrysene	21.468	228	1419317	21.706	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	995905	18.113	ng/ul	100
90) Benzo(b)fluoranthene	23.491	252	1330444	21.059	ng/ul	99
91) Benzo(k)fluoranthene	23.550	252	1381872	21.205	ng/ul	98
93) Benzo(a)pyrene	24.297	252	1259944	21.522	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.838	276	1588859	21.735	ng/ul	99
95) Dibenzo(a,h)anthracene	27.897	278	1295721	21.786	ng/ul	98
96) Benzo(g,h,i)perylene	28.897	276	1230656	21.932	ng/ul	98

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

