

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032025\
 Data File : BM049734.D
 Acq On : 20 Mar 2025 15:38
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020091

Quant Time: Mar 20 16:35:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 14 15:07:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	329928	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	1317097	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	967514	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1961987	20.000	ng/u1	0.00
79) Chrysene-d12	21.427	240	1723521	20.000	ng/u1	0.00
88) Perylene-d12	24.444	264	1298694	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	69482	8.675	ng/uL	0.00
4) Pyridine-d5	3.657	84	537354	21.812	ng/u1	0.00
7) Phenol-d5	6.969	99	552647	20.487	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	373330	22.185	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	435643	21.514	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	437472	20.886	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	209607	20.914	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	223473	20.638	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	515585	21.999	ng/u1	0.00
31) 4-Chloroaniline-d4	10.727	131	637091	21.261	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	1516601	21.265	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1794882	21.605	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	241128	19.884	ng/u1	0.00
60) Fluorene-d10	15.433	176	1363632	21.455	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	213342	17.333	ng/u1	0.00
73) Anthracene-d10	17.280	188	2120504	21.294	ng/u1	0.00
81) Pyrene-d10	19.574	212	2316054	21.979	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.238	264	1495614	21.415	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	73289	8.580	ng/uL	94
5) Pyridine	3.681	79	542437	22.057	ng/u1	96
6) Benzaldehyde	6.939	77	373464	26.201	ng/u1	99
8) Phenol	6.998	94	577918	20.878	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.222	93	479837	21.623	ng/u1	98
12) 2-Chlorophenol	7.363	128	450010	21.538	ng/u1	98
13) 2-Methylphenol	8.245	108	413088	20.441	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	632313	22.871	ng/u1	99
16) Acetophenone	8.616	105	765354	22.456	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.610	70	406139	23.055	ng/u1	99
18) 4-Methylphenol	8.575	108	464949	20.865	ng/u1	98
19) Hexachloroethane	8.881	117	198911	21.911	ng/u1	99
22) Nitrobenzene	8.998	77	531582	21.224	ng/u1	99
23) Isophorone	9.528	82	1027032	21.087	ng/u1	98
25) 2-Nitrophenol	9.710	139	254328	21.190	ng/u1	100
26) 2,4-Dimethylphenol	9.775	107	472408	21.404	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.010	93	646294	21.541	ng/u1	99
29) 2,4-Dichlorophenol	10.245	162	510691	21.839	ng/u1	99
30) Naphthalene	10.645	128	1470538	21.486	ng/u1	99
32) 4-Chloroaniline	10.751	127	612138	21.556	ng/u1	99
33) Hexachlorobutadiene	10.939	225	366560	21.849	ng/u1	99
34) Caprolactam	11.522	113	133178	20.063	ng/u1	94
35) 4-Chloro-3-methylphenol	11.886	107	446522	21.265	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	1112549	21.772	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	1107999	21.974	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.627	216	742193	21.158	ng/ul	100
40) Hexachlorocyclopentadiene	12.616	237	409061	19.423	ng/ul	100
41) 2,4,6-Trichlorophenol	12.869	196	427778	20.936	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	465363	21.205	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	1548184	21.567	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	1232639	21.687	ng/ul	98
45) 2-Nitroaniline	13.516	65	286572	20.594	ng/ul	99
47) Dimethylphthalate	13.898	163	1511096	21.494	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	280818	21.208	ng/ul	94
50) Acenaphthylene	14.163	152	1823628	21.537	ng/ul	100
51) 3-Nitroaniline	14.339	138	263998	20.958	ng/ul	98
52) Acenaphthene	14.504	153	1311565	21.522	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	130087	16.063	ng/ul	98
55) 4-Nitrophenol	14.657	109	188756	20.363	ng/ul	98
56) Dibenzofuran	14.839	168	1852466	21.572	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	414572	21.663	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.068	232	372379	20.615	ng/ul#	97
59) Diethylphthalate	15.268	149	1443305	21.336	ng/ul	100
61) Fluorene	15.492	166	1676767	22.512	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	904101	21.907	ng/ul	99
63) 4-Nitroaniline	15.504	138	277735	23.314	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.562	198	244668	17.923	ng/ul	97
67) N-Nitrosodiphenylamine	15.698	169	1276844	21.447	ng/ul	98
68) 4-Bromophenyl-phenylether	16.380	248	477584	20.361	ng/ul	98
69) Hexachlorobenzene	16.492	284	546620	20.642	ng/ul	97
70) Atrazine	16.651	200	474895	20.723	ng/ul	100
71) Pentachlorophenol	16.839	266	304736	17.841	ng/ul	98
72) Phenanthrene	17.227	178	2385037	21.482	ng/ul	100
74) Anthracene	17.315	178	2430312	21.890	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	711301	21.184	ng/ul	99
76) Pentachlorobenzene	14.763	250	714651	21.208	ng/ul	100
77) Carbazole	17.586	167	2038259	21.399	ng/ul	99
78) Di-n-butylphthalate	18.156	149	2365425	21.451	ng/ul	100
80) Fluoranthene	19.245	202	2664970	22.491	ng/ul	99
82) Pyrene	19.603	202	2886896	22.966	ng/ul	99
83) Butylbenzylphthalate	20.509	149	840532	20.909	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.333	252	676212	18.946	ng/ul	99
85) Benzo(a)anthracene	21.409	228	2574633	21.687	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.344	149	1252888	21.112	ng/ul	100
87) Chrysene	21.474	228	2313014	21.657	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	1600845	18.725	ng/ul	100
90) Benzo(b)fluoranthene	23.491	252	1880772	21.077	ng/ul	99
91) Benzo(k)fluoranthene	23.556	252	1966556	22.014	ng/ul	100
93) Benzo(a)pyrene	24.303	252	1700217	21.542	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.844	276	1816995	21.427	ng/ul	99
95) Dibenzo(a,h)anthracene	27.903	278	1486127	21.594	ng/ul	99
96) Benzo(g,h,i)perylene	28.897	276	1380648	21.938	ng/ul	98

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

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