

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012425\
 Data File : BM049441.D
 Acq On : 24 Jan 2025 18:33
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020075

Quant Time: Jan 24 23:35:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	194439	20.000	ng/u1	0.00
20) Naphthalene-d8	10.275	136	724639	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.157	164	469525	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.904	188	944812	20.000	ng/u1	-0.01
79) Chrysene-d12	21.139	240	949195	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	959360	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	45386	9.658	ng/uL	0.00
4) Pyridine-d5	3.505	84	324859	21.715	ng/u1	0.00
7) Phenol-d5	6.710	99	331976	20.339	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	229981	21.160	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.057	132	264555	21.188	ng/u1	0.00
15) 4-Methylphenol-d8	8.228	113	243432	19.233	ng/u1	-0.01
21) Nitrobenzene-d5	8.657	128	116830	21.142	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.375	143	128424	20.789	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	264589	20.990	ng/u1	0.00
31) 4-Chloroaniline-d4	10.422	131	327243	19.729	ng/u1	0.00
46) Dimethylphthalate-d6	13.575	166	733689	20.995	ng/u1	-0.01
49) Acenaphthylene-d8	13.845	160	860588	21.572	ng/u1	0.00
54) 4-Nitrophenol-d4	14.381	143	114223	19.738	ng/u1	-0.01
60) Fluorene-d10	15.157	176	648934	21.496	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	114828	19.070	ng/u1	0.00
73) Anthracene-d10	17.004	188	1012866	21.686	ng/u1	-0.01
81) Pyrene-d10	19.310	212	1157026	20.029	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.727	264	1081612	21.002	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	48875	9.493	ng/uL	97
5) Pyridine	3.522	79	332636	21.995	ng/u1	97
6) Benzaldehyde	6.669	77	227461	25.849	ng/u1	99
8) Phenol	6.734	94	345687	20.370	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.957	93	285244	20.641	ng/u1	98
12) 2-Chlorophenol	7.087	128	274468	21.148	ng/u1	99
13) 2-Methylphenol	7.963	108	243301	19.623	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.034	45	458138	22.120	ng/u1	99
16) Acetophenone	8.328	105	411389	19.901	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.322	70	226082	20.248	ng/u1	98
18) 4-Methylphenol	8.293	108	264946	19.504	ng/u1	98
19) Hexachloroethane	8.575	117	118698	21.285	ng/u1	98
22) Nitrobenzene	8.699	77	313650	21.909	ng/u1	99
23) Isophorone	9.222	82	568149	20.425	ng/u1	99
25) 2-Nitrophenol	9.404	139	143476	21.132	ng/u1	98
26) 2,4-Dimethylphenol	9.475	107	265032	20.858	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.710	93	352947	20.645	ng/u1	98
29) 2,4-Dichlorophenol	9.934	162	266602	21.228	ng/u1	97
30) Naphthalene	10.322	128	811560	21.103	ng/u1	99
32) 4-Chloroaniline	10.445	127	313488	19.819	ng/u1	98
33) Hexachlorobutadiene	10.616	225	198105	22.093	ng/u1	99
34) Caprolactam	11.210	113	70852	18.951	ng/u1	94
35) 4-Chloro-3-methylphenol	11.581	107	233546	19.889	ng/u1	97
36) 2-Methylnaphthalene	11.945	142	557702	20.266	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.169	142	555122	20.274	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.322	216	355109	21.850	ng/ul	98
40) Hexachlorocyclopentadiene	12.304	237	204230	20.945	ng/ul	99
41) 2,4,6-Trichlorophenol	12.575	196	216916	21.696	ng/ul	98
42) 2,4,5-Trichlorophenol	12.645	196	231135	21.570	ng/ul	99
43) 1,1'-Biphenyl	12.981	154	742676	21.604	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	602548	21.917	ng/ul	98
45) 2-Nitroaniline	13.234	65	157554	21.719	ng/ul	98
47) Dimethylphthalate	13.622	163	724334	20.953	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	135324	20.982	ng/ul	96
50) Acenaphthylene	13.869	152	874976	21.394	ng/ul	100
51) 3-Nitroaniline	14.069	138	127668	20.175	ng/ul	99
52) Acenaphthene	14.216	153	619710	21.207	ng/ul	99
53) 2,4-Dinitrophenol	14.281	184	68965	17.074	ng/ul	97
55) 4-Nitrophenol	14.392	109	84535	19.809	ng/ul	97
56) Dibenzofuran	14.557	168	902316	21.744	ng/ul	100
57) 2,4-Dinitrotoluene	14.533	165	203974	21.313	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.792	232	194145	21.448	ng/ul	93
59) Diethylphthalate	15.004	149	702417	20.849	ng/ul	99
61) Fluorene	15.210	166	744893	21.971	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	399040	21.596	ng/ul	96
63) 4-Nitroaniline	15.239	138	133582	23.463	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.298	198	130583	19.889	ng/ul	97
67) N-Nitrosodiphenylamine	15.428	169	603434	21.526	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	234451	21.823	ng/ul	97
69) Hexachlorobenzene	16.216	284	263284	21.071	ng/ul	98
70) Atrazine	16.392	200	235728	20.568	ng/ul	99
71) Pentachlorophenol	16.563	266	160268	19.361	ng/ul	97
72) Phenanthrene	16.951	178	1125330	21.424	ng/ul	99
74) Anthracene	17.039	178	1143428	21.688	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.939	216	345066	21.853	ng/uL	99
76) Pentachlorobenzene	14.481	250	341153	21.645	ng/uL	99
77) Carbazole	17.316	167	1007491	21.538	ng/ul	100
78) Di-n-butylphthalate	17.898	149	1180770	20.602	ng/ul	99
80) Fluoranthene	18.974	202	1333209	20.085	ng/ul	99
82) Pyrene	19.339	202	1428628	20.219	ng/ul	99
83) Butylbenzylphthalate	20.268	149	486761	19.458	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.057	252	372073	20.933	ng/ul	98
85) Benzo(a)anthracene	21.121	228	1413728	21.372	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	737746	19.830	ng/ul	99
87) Chrysene	21.180	228	1312319	21.731	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1165562	16.677	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1301744	20.272	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	1318042	20.587	ng/ul	98
93) Benzo(a)pyrene	23.786	252	1217347	20.988	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.997	276	1504315	22.610	ng/ul	98
95) Dibenzo(a,h)anthracene	27.044	278	1215977	22.439	ng/ul	99
96) Benzo(g,h,i)perylene	27.950	276	1144592	23.045	ng/ul	99

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

