

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
 Data File : BM048104.D
 Acq On : 17 Oct 2024 13:06
 Operator : RC/JU
 Sample : SSTD02044
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020029

Quant Time: Oct 17 14:37:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 14:37:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	260229	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	1016523	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.410	164	605490	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.151	188	1165325	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	1035275	20.000	ng/u1	0.00
88) Perylene-d12	24.362	264	1183412	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	56346	7.230	ng/uL	0.00
4) Pyridine-d5	3.652	84	380808	16.818	ng/u1	0.00
7) Phenol-d5	6.951	99	427545	17.668	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	255054	15.433	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	374167	20.794	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	334495	18.381	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	173944	21.218	ng/u1	0.00
24) 2-Nitrophenol-d4	9.645	143	194803	23.758	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.192	165	343363	21.734	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	458221	19.164	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	893830	20.278	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	1062793	20.367	ng/u1	0.00
54) 4-Nitrophenol-d4	14.621	143	162052	18.532	ng/u1	0.00
60) Fluorene-d10	15.398	176	766794	20.150	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	151085	21.193	ng/u1	0.00
73) Anthracene-d10	17.245	188	1145344	19.989	ng/u1	0.00
81) Pyrene-d10	19.533	212	1277799	21.314	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.156	264	1290562	20.759	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	60418	7.150	ng/uL	100
5) Pyridine	3.669	79	391343	16.559	ng/u1	100
6) Benzaldehyde	6.916	77	133129	11.617	ng/u1	100
8) Phenol	6.975	94	444159	17.323	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.198	93	354525	17.484	ng/u1	100
12) 2-Chlorophenol	7.340	128	375292	19.876	ng/u1	100
13) 2-Methylphenol	8.222	108	335183	18.407	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.292	45	511398	14.013	ng/u1	100
16) Acetophenone	8.592	105	533063	17.445	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.575	70	248397	15.798	ng/u1	100
18) 4-Methylphenol	8.545	108	362998	17.889	ng/u1	100
19) Hexachloroethane	8.845	117	160666	19.099	ng/u1	100
22) Nitrobenzene	8.969	77	380665	17.124	ng/u1	100
23) Isophorone	9.498	82	729007	18.190	ng/u1	100
25) 2-Nitrophenol	9.681	139	207434	22.644	ng/u1	100
26) 2,4-Dimethylphenol	9.745	107	367972	19.526	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.975	93	448000	18.244	ng/u1	100
29) 2,4-Dichlorophenol	10.216	162	342822	21.186	ng/u1	100
30) Naphthalene	10.610	128	1147826	19.705	ng/u1	100
32) 4-Chloroaniline	10.722	127	441009	18.872	ng/u1	100
33) Hexachlorobutadiene	10.898	225	228303	21.260	ng/u1	100
34) Caprolactam	11.504	113	103566	19.844	ng/u1	100
35) 4-Chloro-3-methylphenol	11.857	107	327338	19.829	ng/u1	100
36) 2-Methylnaphthalene	12.228	142	752202	20.151	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	755117	19.963	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.598	216	396694	20.077	ng/ul	100
40) Hexachlorocyclopentadiene	12.575	237	220259	18.665	ng/ul	100
41) 2,4,6-Trichlorophenol	12.845	196	261017	22.338	ng/ul	100
42) 2,4,5-Trichlorophenol	12.916	196	273568	21.528	ng/ul	100
43) 1,1'-Biphenyl	13.239	154	958333	19.811	ng/ul	100
44) 2-Chloronaphthalene	13.280	162	754165	20.105	ng/ul	100
45) 2-Nitroaniline	13.486	65	195219	17.046	ng/ul	100
47) Dimethylphthalate	13.863	163	899326	20.202	ng/ul	100
48) 2,6-Dinitrotoluene	13.986	165	178462	22.287	ng/ul	100
50) Acenaphthylene	14.127	152	1167889	19.948	ng/ul	100
51) 3-Nitroaniline	14.316	138	156765	17.046	ng/ul	100
52) Acenaphthene	14.474	153	801347	19.449	ng/ul	100
53) 2,4-Dinitrophenol	14.527	184	107340	21.016	ng/ul	100
55) 4-Nitrophenol	14.633	109	112546	15.893	ng/ul	100
56) Dibenzofuran	14.810	168	1103371	19.817	ng/ul	100
57) 2,4-Dinitrotoluene	14.774	165	257068	21.617	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.039	232	226035	22.442	ng/ul	100
59) Diethylphthalate	15.227	149	897511	20.144	ng/ul	100
61) Fluorene	15.457	166	870227	19.008	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	431886	19.721	ng/ul	100
63) 4-Nitroaniline	15.474	138	130573	15.323	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.539	198	165517	21.137	ng/ul	100
67) N-Nitrosodiphenylamine	15.663	169	725777	20.079	ng/ul	100
68) 4-Bromophenyl-phenylether	16.339	248	260283	21.269	ng/ul	100
69) Hexachlorobenzene	16.463	284	308876	21.623	ng/ul	100
70) Atrazine	16.615	200	250405	20.538	ng/ul	100
71) Pentachlorophenol	16.804	266	196894	21.289	ng/ul	100
72) Phenanthrene	17.192	178	1316365	19.438	ng/ul	100
74) Anthracene	17.280	178	1345523	19.485	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	396804	20.410	ng/ul	100
76) Pentachlorobenzene	14.727	250	390293	20.503	ng/ul	100
77) Carbazole	17.551	167	1210109	19.294	ng/ul	100
78) Di-n-butylphthalate	18.110	149	1533355	21.420	ng/ul	100
80) Fluoranthene	19.204	202	1491973	21.195	ng/ul	100
82) Pyrene	19.562	202	1603388	20.611	ng/ul	100
83) Butylbenzylphthalate	20.456	149	684429	23.787	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.280	252	469216	21.034	ng/ul	100
85) Benzo(a)anthracene	21.356	228	1522259	20.757	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	1014549	23.609	ng/ul	100
87) Chrysene	21.415	228	1443491	20.334	ng/ul	100
89) Di-n-octyl phthalate	22.397	149	1760412	21.824	ng/ul	100
90) Benzo(b)fluoranthene	23.415	252	1510364	20.350	ng/ul	100
91) Benzo(k)fluoranthene	23.480	252	1526456	20.085	ng/ul	100
93) Benzo(a)pyrene	24.221	252	1422731	20.189	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.732	276	1828611	20.213	ng/ul	100
95) Dibenzo(a,h)anthracene	27.779	278	1490455	20.097	ng/ul	100
96) Benzo(g,h,i)perylene	28.779	276	1413663	20.009	ng/ul	100

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

