

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
 Data File : BM048348.D
 Acq On : 31 Oct 2024 08:05
 Operator : RC/JU
 Sample : SSTDCC020EC
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020195

Quant Time: Oct 31 11:22:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 27 23:39:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	295173	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.498	136	1266607	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.357	164	791834	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1471862	20.000	ng/u1	-0.01
79) Chrysene-d12	21.321	240	1076615	20.000	ng/u1	-0.01
88) Perylene-d12	24.262	264	1101478	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	55549	7.409	ng/uL	0.00
4) Pyridine-d5	3.581	84	402720	18.531	ng/u1	0.00
7) Phenol-d5	6.887	99	492476	19.421	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.045	67	313863	19.980	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.245	132	424795	20.599	ng/u1	-0.01
15) 4-Methylphenol-d8	8.428	113	401466	19.719	ng/u1	-0.01
21) Nitrobenzene-d5	8.869	128	208450	20.073	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.586	143	226044	20.094	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.128	165	418622	20.392	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.639	131	535075	18.771	ng/u1	-0.01
46) Dimethylphthalate-d6	13.768	166	1149028	19.417	ng/u1	-0.01
49) Acenaphthylene-d8	14.045	160	1328133	19.906	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.574	143	184463	17.046	ng/u1	0.00
60) Fluorene-d10	15.345	176	968151	19.362	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.474	200	172350	17.719	ng/u1	-0.01
73) Anthracene-d10	17.198	188	1390541	19.979	ng/u1	-0.01
81) Pyrene-d10	19.486	212	1398243	21.402	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.062	264	1125487	19.372	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	61777	7.794	ng/uL	98
5) Pyridine	3.599	79	418435	18.787	ng/u1	98
6) Benzaldehyde	6.857	77	251736	20.058	ng/u1	95
8) Phenol	6.916	94	511711	19.376	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.140	93	421610	19.983	ng/u1	98
12) 2-Chlorophenol	7.275	128	421364	19.901	ng/u1	98
13) 2-Methylphenol	8.163	108	390905	19.676	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.239	45	648599	20.113	ng/u1	98
16) Acetophenone	8.534	105	640767	19.983	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.522	70	328334	19.964	ng/u1	99
18) 4-Methylphenol	8.492	108	427466	19.495	ng/u1	97
19) Hexachloroethane	8.786	117	180651	20.240	ng/u1	97
22) Nitrobenzene	8.910	77	474012	19.644	ng/u1	100
23) Isophorone	9.439	82	917688	19.625	ng/u1	99
25) 2-Nitrophenol	9.622	139	243396	19.739	ng/u1	97
26) 2,4-Dimethylphenol	9.686	107	432218	19.093	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.916	93	583386	20.115	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	409468	19.493	ng/u1	99
30) Naphthalene	10.551	128	1408394	19.909	ng/u1	100
32) 4-Chloroaniline	10.663	127	511857	18.532	ng/u1	99
33) Hexachlorobutadiene	10.833	225	274818	19.634	ng/u1	99
34) Caprolactam	11.445	113	117010	17.466	ng/u1	96
35) 4-Chloro-3-methylphenol	11.798	107	398316	18.846	ng/u1	98
36) 2-Methylnaphthalene	12.169	142	926625	19.432	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.386	142	961599	19.879	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.539	216	495092	19.749	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	284869	18.983	ng/ul	98
41) 2,4,6-Trichlorophenol	12.786	196	316568	19.564	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	332599	19.460	ng/ul	99
43) 1,1'-Biphenyl	13.186	154	1210277	19.928	ng/ul	99
44) 2-Chloronaphthalene	13.227	162	950177	20.190	ng/ul	99
45) 2-Nitroaniline	13.439	65	255243	19.597	ng/ul	97
47) Dimethylphthalate	13.816	163	1155712	19.474	ng/ul	100
48) 2,6-Dinitrotoluene	13.933	165	232508	20.149	ng/ul	95
50) Acenaphthylene	14.074	152	1526238	20.942	ng/ul	99
51) 3-Nitroaniline	14.268	138	227742	18.749	ng/ul	97
52) Acenaphthene	14.416	153	1002709	19.389	ng/ul	99
53) 2,4-Dinitrophenol	14.480	184	128162	16.330	ng/ul	95
55) 4-Nitrophenol	14.586	109	132029	16.713	ng/ul	98
56) Dibenzofuran	14.757	168	1375049	19.326	ng/ul	98
57) 2,4-Dinitrotoluene	14.727	165	320896	19.021	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.986	232	277408	18.932	ng/ul	99
59) Diethylphthalate	15.180	149	1163774	19.492	ng/ul	100
61) Fluorene	15.404	166	1100798	19.430	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	561521	19.743	ng/ul	99
63) 4-Nitroaniline	15.433	138	217713	19.795	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.492	198	188764	18.102	ng/ul	98
67) N-Nitrosodiphenylamine	15.615	169	906833	20.635	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	335156	20.871	ng/ul	99
69) Hexachlorobenzene	16.409	284	383925	19.982	ng/ul	97
70) Atrazine	16.568	200	301473	20.037	ng/ul	98
71) Pentachlorophenol	16.751	266	221537	18.223	ng/ul	99
72) Phenanthrene	17.139	178	1615622	19.823	ng/ul	99
74) Anthracene	17.227	178	1664819	20.408	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	483699	20.766	ng/ul	99
76) Pentachlorobenzene	14.674	250	483741	20.407	ng/ul	99
77) Carbazole	17.504	167	1412074	19.714	ng/ul	100
78) Di-n-butylphthalate	18.062	149	1884883	20.025	ng/ul	100
80) Fluoranthene	19.156	202	1689014	22.218	ng/ul	99
82) Pyrene	19.515	202	1736358	21.303	ng/ul	98
83) Butylbenzylphthalate	20.415	149	704755	20.924	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	435338	18.532	ng/ul	98
85) Benzo(a)anthracene	21.303	228	1523260	19.619	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1015108	20.915	ng/ul	99
87) Chrysene	21.362	228	1442059	19.752	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	1607086	19.502	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1394982	19.846	ng/ul	99
91) Benzo(k)fluoranthene	23.391	252	1426766	20.273	ng/ul	99
93) Benzo(a)pyrene	24.127	252	1316050	20.581	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.568	276	1587797	20.618	ng/ul	100
95) Dibenzo(a,h)anthracene	27.626	278	1331592	21.142	ng/ul	100
96) Benzo(g,h,i)perylene	28.603	276	1279478	21.650	ng/ul	99

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

