

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
 Data File : BM043355.D
 Acq On : 15 Dec 2023 13:27
 Operator : MA/JU
 Sample : SSTD02077
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020043

Quant Time: Dec 15 14:04:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 14:02:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	289749	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1320663	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	757385	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.362	188	1378754	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	933868	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	924294	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	78544	9.804	ng/uL	0.00
4) Pyridine-d5	3.804	84	560832	23.871	ng/u1	0.00
7) Phenol-d5	7.151	99	706359	23.065	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	464339	24.326	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	538020	23.057	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	558860	23.133	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	278106	23.352	ng/u1	0.00
24) 2-Nitrophenol-d4	9.886	143	284191	24.351	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	507032	20.512	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	758008	21.288	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	1463809	21.375	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	1766679	22.138	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	283112	22.622	ng/u1	0.00
60) Fluorene-d10	15.615	176	1197511	20.347	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	181165	22.043	ng/u1	0.00
73) Anthracene-d10	17.462	188	1667574	21.636	ng/u1	0.00
81) Pyrene-d10	19.750	212	1554550	24.337	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	1206077	21.591	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	84334	9.663	ng/uL	100
5) Pyridine	3.828	79	592283	24.429	ng/u1	100
6) Benzaldehyde	7.140	77	348733	23.280	ng/u1	100
8) Phenol	7.181	94	704486	23.227	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.422	93	584640	23.873	ng/u1	100
12) 2-Chlorophenol	7.551	128	548375	23.189	ng/u1	100
13) 2-Methylphenol	8.439	108	531623	22.794	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.522	45	992112	24.376	ng/u1	100
16) Acetophenone	8.828	105	877592	22.877	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.810	70	507523	23.773	ng/u1	100
18) 4-Methylphenol	8.769	108	585378	23.128	ng/u1	100
19) Hexachloroethane	9.069	117	233488	23.252	ng/u1	100
22) Nitrobenzene	9.210	77	696876	24.094	ng/u1	100
23) Isophorone	9.733	82	1376946	22.819	ng/u1	100
25) 2-Nitrophenol	9.916	139	306279	24.110	ng/u1	100
26) 2,4-Dimethylphenol	9.975	107	563651	22.957	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.222	93	824683	23.065	ng/u1	100
29) 2,4-Dichlorophenol	10.445	162	485295	20.282	ng/u1	100
30) Naphthalene	10.851	128	1832672	21.755	ng/u1	100
32) 4-Chloroaniline	10.969	127	747196	22.050	ng/u1	100
33) Hexachlorobutadiene	11.128	225	245525	17.114	ng/u1	100
34) Caprolactam	11.745	113	162421	22.491	ng/u1	100
35) 4-Chloro-3-methylphenol	12.080	107	572541	22.300	ng/u1	100
36) 2-Methylnaphthalene	12.457	142	1237322	20.723	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.674	142	1250055	20.631	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.816	216	485285	18.877	ng/ul	100
40) Hexachlorocyclopentadiene	12.792	237	293828	19.822	ng/ul	100
41) 2,4,6-Trichlorophenol	13.063	196	347477	21.189	ng/ul	100
42) 2,4,5-Trichlorophenol	13.127	196	373209	21.024	ng/ul	100
43) 1,1'-Biphenyl	13.463	154	1559484	22.294	ng/ul	100
44) 2-Chloronaphthalene	13.504	162	1198360	22.101	ng/ul	100
45) 2-Nitroaniline	13.716	65	402136	26.615	ng/ul	100
47) Dimethylphthalate	14.092	163	1450085	21.567	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	281300	22.500	ng/ul	100
50) Acenaphthylene	14.351	152	2027180	22.400	ng/ul	100
51) 3-Nitroaniline	14.539	138	324899	23.207	ng/ul	100
52) Acenaphthene	14.686	153	1321379	22.130	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	135017	22.288	ng/ul	100
55) 4-Nitrophenol	14.839	109	227622	24.634	ng/ul	100
56) Dibenzofuran	15.021	168	1710333	21.230	ng/ul	100
57) 2,4-Dinitrotoluene	14.992	165	394080	22.182	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.245	232	280212	19.366	ng/ul	100
59) Diethylphthalate	15.451	149	1463495	21.628	ng/ul	100
61) Fluorene	15.668	166	1442356	20.862	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	611479	18.366	ng/ul	100
63) 4-Nitroaniline	15.698	138	307834	22.440	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.751	198	196224	22.046	ng/ul	100
67) N-Nitrosodiphenylamine	15.880	169	1147749	23.434	ng/ul	100
68) 4-Bromophenyl-phenylether	16.562	248	347175	20.378	ng/ul	100
69) Hexachlorobenzene	16.662	284	400565	19.928	ng/ul	100
70) Atrazine	16.833	200	207674	16.725	ng/ul	100
71) Pentachlorophenol	17.009	266	226237	19.039	ng/ul	100
72) Phenanthrene	17.409	178	2024121	22.560	ng/ul	100
74) Anthracene	17.498	178	2047346	22.667	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.421	216	486850	21.471	ng/ul	100
76) Pentachlorobenzene	14.933	250	479665	20.987	ng/ul	100
77) Carbazole	17.774	167	1852157	24.800	ng/ul	100
78) Di-n-butylphthalate	18.339	149	2276131	23.499	ng/ul	100
80) Fluoranthene	19.415	202	1918482	25.866	ng/ul	100
82) Pyrene	19.780	202	2002030	25.942	ng/ul	100
83) Butylbenzylphthalate	20.686	149	862881	27.327	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.456	252	503241	22.057	ng/ul	100
85) Benzo(a)anthracene	21.521	228	1665708	22.449	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	1228342	25.499	ng/ul	100
87) Chrysene	21.574	228	1502643	22.599	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	1955652	27.913	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1486303	21.717	ng/ul	100
91) Benzo(k)fluoranthene	23.268	252	1457718	21.482	ng/ul	100
93) Benzo(a)pyrene	23.850	252	1372515	21.700	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.479	276	1637388	22.570	ng/ul	100
95) Dibenzo(a,h)anthracene	26.503	278	1348395	22.285	ng/ul	100
96) Benzo(g,h,i)perylene	27.250	276	1288445	23.337	ng/ul	100

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

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