

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043326.D
 Acq On : 14 Dec 2023 06:35
 Operator : MA/JU
 Sample : 05686-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YCH84MS

Quant Time: Dec 14 07:06:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 22:33:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	478248	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	2210987	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	1261623	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	2419568	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.539	240	1690481	20.000	ng/u1	# 0.00
88) Perylene-d12	23.956	264	1493052	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	52233	4.286	ng/uL	0.00
4) Pyridine-d5	3.817	84	486185	13.447	ng/u1	0.00
7) Phenol-d5	7.157	99	339614	7.153	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	1127541	38.362	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	990435	27.363	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	631063	16.800	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	723157	38.374	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	709929	39.067	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	1178086	29.085	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	1784829	30.625	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	4027264	36.415	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	4670708	36.505	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	143278	7.230	ng/u1	0.00
60) Fluorene-d10	15.616	176	3366825	34.924	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	440339	33.066	ng/u1	0.00
73) Anthracene-d10	17.469	188	4918825	37.577	ng/u1	0.00
81) Pyrene-d10	19.751	212	5034367	46.543	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	3454697	39.654	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	71446	5.338	ng/uL	95
5) Pyridine	3.834	79	566365	15.241	ng/u1	99
6) Benzaldehyde	7.140	77	1021936	41.819	ng/u1	96
8) Phenol	7.187	94	376211	8.012	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.428	93	1527501	40.346	ng/u1	98
12) 2-Chlorophenol	7.557	128	1081511	29.453	ng/u1	98
13) 2-Methylphenol	8.440	108	808118	22.256	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.528	45	2580156	40.989	ng/u1	99
16) Acetophenone	8.834	105	2338660	38.737	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.816	70	1326828	40.096	ng/u1	99
18) 4-Methylphenol	8.775	108	742303	18.842	ng/u1	97
19) Hexachloroethane	9.075	117	514557	33.059	ng/u1	83
22) Nitrobenzene	9.216	77	1861013	41.073	ng/u1	99
23) Isophorone	9.740	82	3729652	38.630	ng/u1	99
25) 2-Nitrophenol	9.922	139	803957	40.366	ng/u1	93
26) 2,4-Dimethylphenol	9.981	107	935231	23.950	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.228	93	2203571	38.819	ng/u1	100
29) 2,4-Dichlorophenol	10.451	162	1219974	31.032	ng/u1	96
30) Naphthalene	10.857	128	4836601	35.639	ng/u1	100
32) 4-Chloroaniline	10.975	127	1617351	29.421	ng/u1	99
33) Hexachlorobutadiene	11.128	225	636658	25.990	ng/u1	99
34) Caprolactam	11.763	113	135741	11.612	ng/u1	93
35) 4-Chloro-3-methylphenol	12.087	107	1270684	30.782	ng/u1	97
36) 2-Methylnaphthalene	12.463	142	3393084	34.752	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	3350237	33.806	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.822	216	1414523	33.140	ng/ul#	97
40) Hexachlorocyclopentadiene	12.792	237	513818	21.215	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	978101	36.825	ng/ul	99
42) 2,4,5-Trichlorophenol	13.134	196	1054012	36.461	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	4380698	39.251	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	3355458	38.786	ng/ul	97
45) 2-Nitroaniline	13.722	65	1232129	53.896	ng/ul	96
47) Dimethylphthalate	14.092	163	4314656	39.777	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	901027	45.086	ng/ul	95
50) Acenaphthylene	14.351	152	5731393	39.634	ng/ul	99
51) 3-Nitroaniline	14.545	138	970961	43.794	ng/ul	92
52) Acenaphthene	14.692	153	3795208	39.788	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	291864	31.812	ng/ul#	80
55) 4-Nitrophenol	14.839	109	126152	8.804	ng/ul	93
56) Dibenzofuran	15.028	168	4957526	38.048	ng/ul	94
57) 2,4-Dinitrotoluene	14.998	165	1291749	45.270	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.245	232	837153	34.840	ng/ul#	88
59) Diethylphthalate	15.451	149	4629557	42.431	ng/ul	98
61) Fluorene	15.675	166	4404905	39.054	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	1981981	35.568	ng/ul	94
63) 4-Nitroaniline	15.704	138	1038391	46.613	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.757	198	516977	35.504	ng/ul#	90
67) N-Nitrosodiphenylamine	15.886	169	3550660	43.760	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	1130989	38.654	ng/ul	94
69) Hexachlorobenzene	16.663	284	1310650	37.752	ng/ul#	92
70) Atrazine	16.839	200	807335	35.283	ng/ul	96
71) Pentachlorophenol	17.010	266	698343	34.162	ng/ul	99
72) Phenanthrene	17.410	178	6460647	42.820	ng/ul	99
74) Anthracene	17.504	178	6528547	42.955	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	1447583	37.817	ng/uL	99
76) Pentachlorobenzene	14.939	250	1477242	37.975	ng/uL	99
77) Carbazole	17.774	167	6037041	48.356	ng/ul	99
78) Di-n-butylphthalate	18.339	149	8194687	50.463	ng/ul	98
80) Fluoranthene	19.415	202	6765336	54.524	ng/ul#	92
82) Pyrene	19.780	202	6871014	53.235	ng/ul	95
83) Butylbenzylphthalate	20.686	149	3564537	69.427	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	1763433	43.893	ng/ul	99
85) Benzo(a)anthracene	21.521	228	5737643	44.268	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	5411777	66.774	ng/ul	100
87) Chrysene	21.574	228	5111519	44.155	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	8505347	82.819	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	4719074	44.299	ng/ul#	97
91) Benzo(k)fluoranthene	23.268	252	4697747	44.277	ng/ul#	97
93) Benzo(a)pyrene	23.856	252	4236176	43.022	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.486	276	5026865	44.819	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.509	278	4203855	44.826	ng/ul#	95
96) Benzo(g,h,i)perylene	27.256	276	3899056	46.141	ng/ul#	92

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

