

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
 Data File : BM044501.D
 Acq On : 05 Mar 2024 14:39
 Operator : MA/JU
 Sample : SSTD01001
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD010021

Quant Time: Mar 05 15:58:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 05 15:51:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	237256	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	1056831	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	637941	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	1361956	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1302890	20.000	ng/u1	0.00
88) Perylene-d12	23.562	264	1499952	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	27949	3.786	ng/uL	0.00
4) Pyridine-d5	3.687	84	180145	8.786	ng/u1	0.00
7) Phenol-d5	6.905	99	213097	9.263	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	139171	9.407	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	166564	9.686	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	166267	9.465	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	83137	9.645	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	87662	9.843	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	152428	9.767	ng/u1	0.00
31) 4-Chloroaniline-d4	10.663	131	256072	9.722	ng/u1	0.00
46) Dimethylphthalate-d6	13.792	166	486871	9.891	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	547786	9.689	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	82763	8.301	ng/u1	0.00
60) Fluorene-d10	15.369	176	414554	9.998	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	69377	8.072	ng/u1	0.00
73) Anthracene-d10	17.216	188	633753	9.766	ng/u1	0.00
81) Pyrene-d10	19.515	212	739961	9.444	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.415	264	748935	9.733	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	28434	3.657	ng/uL	95
5) Pyridine	3.705	79	195124	9.120	ng/u1	97
6) Benzaldehyde	6.893	77	115590	11.613	ng/u1	95
8) Phenol	6.934	94	222095	9.334	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.175	93	190069	9.554	ng/u1	97
12) 2-Chlorophenol	7.299	128	172655	9.692	ng/u1	97
13) 2-Methylphenol	8.175	108	166220	9.411	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.257	45	250914	9.287	ng/u1	98
16) Acetophenone	8.557	105	280853	10.007	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.540	70	147654	10.501	ng/u1	97
18) 4-Methylphenol	8.499	108	182443	9.643	ng/u1	94
19) Hexachloroethane	8.793	117	73656	9.802	ng/u1	97
22) Nitrobenzene	8.934	77	202614	9.768	ng/u1	97
23) Isophorone	9.457	82	410404	10.056	ng/u1	100
25) 2-Nitrophenol	9.640	139	97235	9.864	ng/u1	98
26) 2,4-Dimethylphenol	9.693	107	180918	9.736	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.940	93	261084	9.913	ng/u1	99
29) 2,4-Dichlorophenol	10.163	162	154752	9.811	ng/u1	99
30) Naphthalene	10.563	128	579155	9.670	ng/u1	100
32) 4-Chloroaniline	10.687	127	246503	9.627	ng/u1	97
33) Hexachlorobutadiene	10.834	225	89897	9.591	ng/u1	96
34) Caprolactam	11.463	113	55145	9.744	ng/u1	97
35) 4-Chloro-3-methylphenol	11.804	107	176756	10.316	ng/u1	100
36) 2-Methylnaphthalene	12.181	142	387032	10.044	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	382424	10.034	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	175913	9.428	ng/ul	97
40) Hexachlorocyclopentadiene	12.516	237	102963	8.068	ng/ul	98
41) 2,4,6-Trichlorophenol	12.792	196	117930	9.749	ng/ul	97
42) 2,4,5-Trichlorophenol	12.863	196	128123	9.820	ng/ul	98
43) 1,1'-Biphenyl	13.204	154	496668	9.658	ng/ul	99
44) 2-Chloronaphthalene	13.239	162	388168	9.633	ng/ul	99
45) 2-Nitroaniline	13.457	65	112317	9.877	ng/ul	99
47) Dimethylphthalate	13.839	163	501803	9.986	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	93373	9.832	ng/ul	98
50) Acenaphthylene	14.092	152	656486	9.851	ng/ul	99
51) 3-Nitroaniline	14.292	138	92085	9.097	ng/ul	99
52) Acenaphthene	14.433	153	431771	9.812	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	39530	6.513	ng/ul	97
55) 4-Nitrophenol	14.598	109	58254	8.519	ng/ul	100
56) Dibenzofuran	14.769	168	585641	9.938	ng/ul	100
57) 2,4-Dinitrotoluene	14.751	165	136487	9.997	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.998	232	105853	10.049	ng/ul	97
59) Diethylphthalate	15.204	149	516308	9.982	ng/ul	99
61) Fluorene	15.422	166	487345	10.269	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	226335	10.130	ng/ul	98
63) 4-Nitroaniline	15.457	138	96802	9.946	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.504	198	75892	8.119	ng/ul#	95
67) N-Nitrosodiphenylamine	15.639	169	401334	9.759	ng/ul	98
68) 4-Bromophenyl-phenylether	16.316	248	129247	9.552	ng/ul	97
69) Hexachlorobenzene	16.416	284	150197	9.706	ng/ul	98
70) Atrazine	16.598	200	134258	9.885	ng/ul	99
71) Pentachlorophenol	16.769	266	86485	8.413	ng/ul	94
72) Phenanthrene	17.163	178	755853	9.703	ng/ul	100
74) Anthracene	17.257	178	770042	9.820	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	173698	9.210	ng/uL	97
76) Pentachlorobenzene	14.681	250	171101	9.477	ng/uL	99
77) Carbazole	17.527	167	724478	9.761	ng/ul	99
78) Di-n-butylphthalate	18.098	149	948766	10.070	ng/ul	100
80) Fluoranthene	19.180	202	867952	9.261	ng/ul	99
82) Pyrene	19.545	202	935426	9.536	ng/ul	98
83) Butylbenzylphthalate	20.462	149	442439	9.884	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.233	252	301485	10.314	ng/ul	98
85) Benzo(a)anthracene	21.292	228	957168	9.846	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	678655	9.977	ng/ul	100
87) Chrysene	21.345	228	896064	9.813	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	1141865	8.791	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	971259	10.061	ng/ul	100
91) Benzo(k)fluoranthene	22.927	252	905340	9.158	ng/ul	99
93) Benzo(a)pyrene	23.462	252	903940	9.765	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.839	276	1047557	9.429	ng/ul	99
95) Dibenzo(a,h)anthracene	25.856	278	869861	9.386	ng/ul	100
96) Benzo(g,h,i)perylene	26.533	276	837478	9.333	ng/ul	99

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

