

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010924\
 Data File : BM043802.D
 Acq On : 09 Jan 2024 14:49
 Operator : MA/JU
 Sample : SSTD02083
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020001

Quant Time: Jan 09 15:57:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 09 15:57:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	336116	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	1522911	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	970936	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	2050979	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1888479	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	1993585	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	69599	7.099	ng/uL	0.00
4) Pyridine-d5	3.781	84	525886	18.441	ng/u1	0.00
7) Phenol-d5	7.122	99	661235	18.040	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	426540	18.469	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	515631	18.344	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	543088	18.977	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	266935	18.802	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	302041	20.180	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	544322	20.562	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	819449	21.016	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	1695892	19.812	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	1955585	19.441	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	312567	19.488	ng/u1	0.00
60) Fluorene-d10	15.586	176	1424106	20.011	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	271091	19.962	ng/u1	0.00
73) Anthracene-d10	17.445	188	2180394	19.464	ng/u1	0.00
81) Pyrene-d10	19.739	212	2417314	17.044	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	2274605	18.994	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	76373	7.013	ng/uL	100
5) Pyridine	3.799	79	543445	18.519	ng/u1	100
6) Benzaldehyde	7.098	77	347656	19.797	ng/u1	100
8) Phenol	7.151	94	664642	18.416	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.387	93	559330	19.057	ng/u1	100
12) 2-Chlorophenol	7.510	128	535565	18.639	ng/u1	100
13) 2-Methylphenol	8.404	108	521906	18.899	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	957112	19.396	ng/u1	100
16) Acetophenone	8.787	105	861497	19.642	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.769	70	495686	18.932	ng/u1	100
18) 4-Methylphenol	8.739	108	578299	19.309	ng/u1	100
19) Hexachloroethane	9.016	117	229999	18.959	ng/u1	100
22) Nitrobenzene	9.169	77	671917	19.117	ng/u1	100
23) Isophorone	9.698	82	1383633	19.237	ng/u1	100
25) 2-Nitrophenol	9.881	139	322137	20.299	ng/u1	100
26) 2,4-Dimethylphenol	9.939	107	620695	21.756	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.181	93	816870	19.295	ng/u1	100
29) 2,4-Dichlorophenol	10.416	162	536452	20.753	ng/u1	100
30) Naphthalene	10.810	128	1854121	19.627	ng/u1	100
32) 4-Chloroaniline	10.939	127	799722	21.382	ng/u1	100
33) Hexachlorobutadiene	11.075	225	293603	21.907	ng/u1	100
34) Caprolactam	11.745	113	188778	22.609	ng/u1	100
35) 4-Chloro-3-methylphenol	12.063	107	601916	20.030	ng/u1	100
36) 2-Methylnaphthalene	12.422	142	1286634	19.896	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	1290284	19.812	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	596927	20.351	ng/ul	100
40) Hexachlorocyclopentadiene	12.745	237	339145	18.648	ng/ul	100
41) 2,4,6-Trichlorophenol	13.033	196	428171	20.530	ng/ul	100
42) 2,4,5-Trichlorophenol	13.110	196	458712	20.728	ng/ul	100
43) 1,1'-Biphenyl	13.433	154	1727137	19.226	ng/ul	100
44) 2-Chloronaphthalene	13.474	162	1336597	19.381	ng/ul	100
45) 2-Nitroaniline	13.698	65	432743	18.842	ng/ul	100
47) Dimethylphthalate	14.063	163	1714226	20.198	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	342094	20.729	ng/ul	100
50) Acenaphthylene	14.322	152	2285750	19.716	ng/ul	100
51) 3-Nitroaniline	14.521	138	358808	19.311	ng/ul	100
52) Acenaphthene	14.657	153	1496707	19.565	ng/ul	100
53) 2,4-Dinitrophenol	14.739	184	178310	19.954	ng/ul	100
55) 4-Nitrophenol	14.839	109	241096	19.540	ng/ul	100
56) Dibenzofuran	14.992	168	2002312	20.135	ng/ul	100
57) 2,4-Dinitrotoluene	14.980	165	510379	21.600	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.221	232	375803	21.757	ng/ul	100
59) Diethylphthalate	15.421	149	1792896	20.461	ng/ul	100
61) Fluorene	15.645	166	1738392	20.338	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	792950	20.771	ng/ul	100
63) 4-Nitroaniline	15.686	138	315923	18.863	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.745	198	296984	20.435	ng/ul	100
67) N-Nitrosodiphenylamine	15.857	169	1417268	18.678	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	471188	19.760	ng/ul	100
69) Hexachlorobenzene	16.639	284	559450	20.363	ng/ul	100
70) Atrazine	16.821	200	478876	25.248	ng/ul	100
71) Pentachlorophenol	16.998	266	307861	18.610	ng/ul	100
72) Phenanthrene	17.386	178	2632640	19.469	ng/ul	100
74) Anthracene	17.480	178	2697331	19.716	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	589801	18.239	ng/ul	100
76) Pentachlorobenzene	14.904	250	601701	18.994	ng/ul	100
77) Carbazole	17.762	167	2449375	20.993	ng/ul	100
78) Di-n-butylphthalate	18.321	149	3289275	21.144	ng/ul	100
80) Fluoranthene	19.404	202	2978627	16.960	ng/ul	100
82) Pyrene	19.768	202	3132403	17.340	ng/ul	100
83) Butylbenzylphthalate	20.674	149	1473029	18.565	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.456	252	989924	21.411	ng/ul	100
85) Benzo(a)anthracene	21.521	228	3023878	19.576	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	2313574	20.096	ng/ul	100
87) Chrysene	21.574	228	2737441	19.687	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	3746258	20.142	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2876643	19.244	ng/ul	100
91) Benzo(k)fluoranthene	23.268	252	2845890	19.490	ng/ul	100
93) Benzo(a)pyrene	23.850	252	2649480	19.442	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.485	276	3041108	18.831	ng/ul	100
95) Dibenzo(a,h)anthracene	26.503	278	2509395	18.752	ng/ul	100
96) Benzo(g,h,i)perylene	27.256	276	2300532	18.305	ng/ul	100

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

