

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091024\
 Data File : BM047469.D
 Acq On : 10 Sep 2024 20:02
 Operator : RC/JU
 Sample : SSTD08034
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD080017

Quant Time: Sep 11 00:23:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 00:00:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	441916	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	1914929	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	1139460	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	2284503	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	2119587	20.000	ng/u1	0.00
88) Perylene-d12	24.521	264	2057590	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	346603	31.073	ng/uL	0.00
4) Pyridine-d5	3.710	84	2889074	94.954	ng/u1	0.00
7) Phenol-d5	7.028	99	3454958	102.918	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	2097474	94.958	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	2750812	96.735	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	2719835	102.274	ng/u1	0.01
21) Nitrobenzene-d5	9.034	128	1306190	85.004	ng/u1	0.01
24) 2-Nitrophenol-d4	9.751	143	1374666	81.920	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.292	165	2594814	80.539	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	3894787	91.983	ng/u1	0.01
46) Dimethylphthalate-d6	13.922	166	7140229	81.954	ng/u1	0.01
49) Acenaphthylene-d8	14.198	160	8730375	89.771	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	1427712	84.753	ng/u1	0.02
60) Fluorene-d10	15.498	176	6230547	83.598	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	1116670	77.368	ng/u1	0.01
73) Anthracene-d10	17.345	188	9454593	87.300	ng/u1	0.01
81) Pyrene-d10	19.621	212	10806293	89.062	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.327	264	9783139	90.295	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	371721	29.948	ng/uL	99
5) Pyridine	3.734	79	2938175	97.541	ng/u1	100
6) Benzaldehyde	7.010	77	1456679m	75.546	ng/u1	
8) Phenol	7.057	94	3545935	104.886	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.298	93	2739781	95.079	ng/u1	100
12) 2-Chlorophenol	7.440	128	2814017	97.678	ng/u1	98
13) 2-Methylphenol	8.310	108	2679820	104.056	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.398	45	3992653	115.627	ng/u1	99
16) Acetophenone	8.698	105	4282571	102.314	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.698	70	2296773	104.054	ng/u1	98
18) 4-Methylphenol	8.651	108	2913644	104.711	ng/u1	95
19) Hexachloroethane	8.963	117	1145583	81.632	ng/u1	99
22) Nitrobenzene	9.075	77	3124984	76.119	ng/u1	98
23) Isophorone	9.610	82	6253777	89.026	ng/u1	98
25) 2-Nitrophenol	9.787	139	1528913	83.288	ng/u1	99
26) 2,4-Dimethylphenol	9.845	107	3027625	83.674	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.087	93	3683709	85.066	ng/u1	100
29) 2,4-Dichlorophenol	10.316	162	2588940	80.569	ng/u1	100
30) Naphthalene	10.722	128	8840055	87.190	ng/u1	99
32) 4-Chloroaniline	10.828	127	3819742	92.894	ng/u1	100
33) Hexachlorobutadiene	11.022	225	1450611	62.573	ng/u1	99
34) Caprolactam	11.610	113	851631m	87.519	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	2855604	86.183	ng/u1	99
36) 2-Methylnaphthalene	12.333	142	6287932	88.819	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	6309871	88.045	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.698	216	3077999	86.132	ng/ul	99
40) Hexachlorocyclopentadiene	12.686	237	1912532	81.245	ng/ul	97
41) 2,4,6-Trichlorophenol	12.933	196	1937783	82.845	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	2098854	83.108	ng/ul	99
43) 1,1'-Biphenyl	13.345	154	7733940	90.725	ng/ul	99
44) 2-Chloronaphthalene	13.380	162	5851458	86.437	ng/ul	99
45) 2-Nitroaniline	13.575	65	1826876	88.804	ng/ul	99
47) Dimethylphthalate	13.969	163	7167311	81.983	ng/ul	99
48) 2,6-Dinitrotoluene	14.080	165	1455423	85.638	ng/ul	95
50) Acenaphthylene	14.227	152	9323370	90.775	ng/ul	99
51) 3-Nitroaniline	14.398	138	1452617	83.927	ng/ul	93
52) Acenaphthene	14.569	153	6650855	89.821	ng/ul	98
53) 2,4-Dinitrophenol	14.604	184	812838	67.784	ng/ul#	86
55) 4-Nitrophenol	14.710	109	1179521	69.183	ng/ul	96
56) Dibenzofuran	14.904	168	8494592	81.741	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	2086365	80.333	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.127	232	1640751	73.082	ng/ul	95
59) Diethylphthalate	15.333	149	7552779	80.309	ng/ul	97
61) Fluorene	15.551	166	7414805	86.506	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	3509456	83.170	ng/ul	100
63) 4-Nitroaniline	15.563	138	1378969	80.621	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.621	198	1247146	78.967	ng/ul#	95
67) N-Nitrosodiphenylamine	15.757	169	6085718	89.874	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	2098161	84.853	ng/ul	94
69) Hexachlorobenzene	16.551	284	2348373	80.655	ng/ul	97
70) Atrazine	16.710	200	2176808	81.935	ng/ul	99
71) Pentachlorophenol	16.886	266	1512729	76.738	ng/ul	98
72) Phenanthrene	17.286	178	11194875	87.418	ng/ul	98
74) Anthracene	17.380	178	11187350	86.626	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	2945931	89.626	ng/ul	99
76) Pentachlorobenzene	14.827	250	2853714	83.876	ng/ul	99
77) Carbazole	17.639	167	10381615	86.711	ng/ul	99
78) Di-n-butylphthalate	18.210	149	12323982	80.948	ng/ul#	96
80) Fluoranthene	19.286	202	12163477	83.882	ng/ul	97
82) Pyrene	19.651	202	12318227	79.724	ng/ul	94
83) Butylbenzylphthalate	20.551	149	6479722	95.950	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.368	252	4142609	79.725	ng/ul	100
85) Benzo(a)anthracene	21.456	228	12492843	80.702	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.392	149	9564266	97.012	ng/ul	97
87) Chrysene	21.521	228	11478502	77.746	ng/ul	97
89) Di-n-octyl phthalate	22.550	149	15245201	105.026	ng/ul	100
90) Benzo(b)fluoranthene	23.568	252	11908283	93.563	ng/ul	98
91) Benzo(k)fluoranthene	23.633	252	11579982	92.069	ng/ul	98
93) Benzo(a)pyrene	24.397	252	10640173	89.735	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.997	276	11615331	76.457	ng/ul	99
95) Dibenzo(a,h)anthracene	28.068	278	9520244	78.018	ng/ul	99
96) Benzo(g,h,i)perylene	29.079	276	8562171	71.333	ng/ul	98

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

