

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
 Data File : BP021915.D
 Acq On : 13 Sep 2024 19:54
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020766

Quant Time: Sep 14 02:29:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 12 12:48:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	109433	20.000	ng/u1	0.03
20) Naphthalene-d8	10.528	136	656634	20.000	ng/u1	# 0.02
38) Acenaphthene-d10	14.375	164	488030	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.157	188	1138716	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1218118	20.000	ng/u1	0.00
88) Perylene-d12	24.921	264	1346532	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	29013	8.576	ng/uL	0.01
4) Pyridine-d5	3.681	84	210983	21.182	ng/u1	0.02
7) Phenol-d5	6.934	99	165768	17.728	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.093	67	101870	18.757	ng/u1	0.02
11) 2-Chlorophenol-d4	7.299	132	141054	21.671	ng/u1	0.02
15) 4-Methylphenol-d8	8.458	113	140085	18.764	ng/u1	0.03
21) Nitrobenzene-d5	8.899	128	68169	16.669	ng/u1	0.02
24) 2-Nitrophenol-d4	9.616	143	77103	16.585	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.152	165	223423	21.702	ng/u1	0.02
31) 4-Chloroaniline-d4	10.663	131	293640	19.571	ng/u1	0.02
46) Dimethylphthalate-d6	13.775	166	709565	19.353	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	784180	19.498	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	124899	18.020	ng/u1	0.02
60) Fluorene-d10	15.375	176	618642	17.751	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	111234	17.074	ng/u1	0.00
73) Anthracene-d10	17.275	188	1029043	19.454	ng/u1	0.02
81) Pyrene-d10	19.628	212	1292247	19.174	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.680	264	1352525	19.301	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	30740	8.457	ng/uL	96
5) Pyridine	3.699	79	217959	21.886	ng/u1	97
6) Benzaldehyde	6.911	77	111474	22.795	ng/u1	97
8) Phenol	6.964	94	173696	17.907	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.187	93	135165	18.566	ng/u1	92
12) 2-Chlorophenol	7.328	128	142335	21.260	ng/u1	100
13) 2-Methylphenol	8.199	108	130404	19.011	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.269	45	161494	20.409	ng/u1	99
16) Acetophenone	8.569	105	235798	19.585	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.558	70	119245	20.719	ng/u1	99
18) 4-Methylphenol	8.516	108	146135	18.992	ng/u1	95
19) Hexachloroethane	8.828	117	61749	19.444	ng/u1	97
22) Nitrobenzene	8.946	77	183035	16.707	ng/u1	99
23) Isophorone	9.469	82	333380	16.319	ng/u1	99
25) 2-Nitrophenol	9.652	139	86209	16.756	ng/u1	98
26) 2,4-Dimethylphenol	9.710	107	181200	16.570	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.940	93	273600	21.873	ng/u1	100
29) 2,4-Dichlorophenol	10.181	162	224009	21.268	ng/u1	96
30) Naphthalene	10.581	128	682769	19.530	ng/u1	99
32) 4-Chloroaniline	10.687	127	292297	19.788	ng/u1	97
33) Hexachlorobutadiene	10.869	225	160261	19.104	ng/u1	97
34) Caprolactam	11.452	113	65847	18.036	ng/u1	86
35) 4-Chloro-3-methylphenol	11.810	107	228619	19.200	ng/u1	96
36) 2-Methylnaphthalene	12.193	142	491379	19.155	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	503980	19.278	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.563	216	310346	18.676	ng/ul	99
40) Hexachlorocyclopentadiene	12.540	237	171569	18.239	ng/ul	96
41) 2,4,6-Trichlorophenol	12.799	196	194051	18.996	ng/ul	98
42) 2,4,5-Trichlorophenol	12.875	196	212115	18.839	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	686603	19.206	ng/ul	98
44) 2-Chloronaphthalene	13.246	162	548237	18.983	ng/ul	97
45) 2-Nitroaniline	13.446	65	146055	19.034	ng/ul	96
47) Dimethylphthalate	13.828	163	719796	19.376	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	131903	19.108	ng/ul	95
50) Acenaphthylene	14.093	152	828120	19.377	ng/ul	99
51) 3-Nitroaniline	14.287	138	135946	19.433	ng/ul	94
52) Acenaphthene	14.446	153	596310	19.452	ng/ul	99
53) 2,4-Dinitrophenol	14.487	184	70989	16.269	ng/ul	89
55) 4-Nitrophenol	14.598	109	109970	17.674	ng/ul	89
56) Dibenzofuran	14.781	168	864522	19.260	ng/ul	95
57) 2,4-Dinitrotoluene	14.734	165	215911	19.952	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.010	232	185259	19.104	ng/ul	97
59) Diethylphthalate	15.216	149	695725	18.655	ng/ul	99
61) Fluorene	15.434	166	705356	17.921	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.434	204	363799	17.750	ng/ul	97
63) 4-Nitroaniline	15.451	138	147122	18.957	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.510	198	126009	17.515	ng/ul	97
67) N-Nitrosodiphenylamine	15.651	169	618606	19.696	ng/ul	98
68) 4-Bromophenyl-phenylether	16.345	248	229513	19.326	ng/ul	98
69) Hexachlorobenzene	16.457	284	275305	19.313	ng/ul	99
70) Atrazine	16.628	200	238918	19.385	ng/ul	99
71) Pentachlorophenol	16.804	266	165943	17.828	ng/ul	96
72) Phenanthrene	17.204	178	1190738	19.303	ng/ul	100
74) Anthracene	17.310	178	1201226	19.266	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.169	216	318069	19.959	ng/uL	98
76) Pentachlorobenzene	14.704	250	317340	19.902	ng/uL	98
77) Carbazole	17.575	167	1103022	19.755	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1172899	19.110	ng/ul	99
80) Fluoranthene	19.281	202	1515988	19.530	ng/ul	100
82) Pyrene	19.663	202	1617250	19.198	ng/ul	100
83) Butylbenzylphthalate	20.610	149	547748	18.911	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.492	252	531418	19.469	ng/ul	100
85) Benzo(a)anthracene	21.575	228	1637603	19.033	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.510	149	805414	19.249	ng/ul	99
87) Chrysene	21.645	228	1555069	18.896	ng/ul	99
89) Di-n-octyl phthalate	22.780	149	1302057	18.133	ng/ul	100
90) Benzo(b)fluoranthene	23.863	252	1659133	19.842	ng/ul	100
91) Benzo(k)fluoranthene	23.933	252	1606757	19.449	ng/ul	99
93) Benzo(a)pyrene	24.757	252	1515177	19.630	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.674	276	1821807	18.784	ng/ul	99
95) Dibenzo(a,h)anthracene	28.757	278	1479723	18.940	ng/ul	100
96) Benzo(g,h,i)perylene	29.845	276	1431573	18.665	ng/ul	98

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

