

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019042.D
 Acq On : 22 Dec 2023 16:37
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020743

Quant Time: Dec 22 17:26:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	182682	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.604	136	732778	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.451	164	483046	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1120820	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.304	240	1164875	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	1347795	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	40869	7.624	ng/uL	0.00
4) Pyridine-d5	3.664	84	295278	20.564	ng/u1	0.00
7) Phenol-d5	6.987	99	344981	18.818	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.146	67	197107	18.140	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.340	132	269128	18.813	ng/u1	-0.01
15) 4-Methylphenol-d8	8.528	113	274027	18.470	ng/u1	-0.01
21) Nitrobenzene-d5	8.969	128	131772	20.204	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.693	143	143035	21.154	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.234	165	287627	20.803	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.751	131	360372	19.944	ng/u1	-0.01
46) Dimethylphthalate-d6	13.869	166	842776	19.548	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	933414	19.662	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	154010	21.763	ng/u1	0.00
60) Fluorene-d10	15.451	176	727736	20.110	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	147384	21.931	ng/u1	0.00
73) Anthracene-d10	17.310	188	1164879	19.769	ng/u1	0.00
81) Pyrene-d10	19.545	212	1440653	15.888	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	1520302	19.346	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	43547	7.408	ng/uL	96
5) Pyridine	3.681	79	292655	20.182	ng/u1	98
6) Benzaldehyde	6.952	77	174523	18.438	ng/u1	98
8) Phenol	7.010	94	342789	19.067	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.240	93	271502	18.388	ng/u1	99
12) 2-Chlorophenol	7.369	128	269336	18.603	ng/u1	98
13) 2-Methylphenol	8.263	108	254910	18.520	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.334	45	327164	17.463	ng/u1	98
16) Acetophenone	8.640	105	404404	18.290	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.622	70	198617	16.328	ng/u1	100
18) 4-Methylphenol	8.593	108	276564	18.401	ng/u1	97
19) Hexachloroethane	8.881	117	112736	18.994	ng/u1	89
22) Nitrobenzene	9.016	77	304840	19.224	ng/u1	99
23) Isophorone	9.540	82	572434	17.705	ng/u1	98
25) 2-Nitrophenol	9.722	139	153485	21.200	ng/u1	96
26) 2,4-Dimethylphenol	9.793	107	262351	18.528	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.028	93	361674	17.719	ng/u1	100
29) 2,4-Dichlorophenol	10.257	162	278838	20.937	ng/u1	98
30) Naphthalene	10.657	128	852546	19.179	ng/u1	100
32) 4-Chloroaniline	10.775	127	344949	20.030	ng/u1	99
33) Hexachlorobutadiene	10.940	225	201828	22.628	ng/u1	99
34) Caprolactam	11.563	113	74446	18.230	ng/u1	95
35) 4-Chloro-3-methylphenol	11.910	107	285339	19.126	ng/u1	100
36) 2-Methylnaphthalene	12.269	142	596466	18.940	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	605268	19.031	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.640	216	379246	21.640	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	226252	21.780	ng/ul	100
41) 2,4,6-Trichlorophenol	12.887	196	237872	21.099	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	260100	21.280	ng/ul	100
43) 1,1'-Biphenyl	13.287	154	805270	19.276	ng/ul	98
44) 2-Chloronaphthalene	13.328	162	652997	19.790	ng/ul	99
45) 2-Nitroaniline	13.540	65	171758	19.202	ng/ul	99
47) Dimethylphthalate	13.916	163	826262	19.470	ng/ul	99
48) 2,6-Dinitrotoluene	14.039	165	169074	21.087	ng/ul	95
50) Acenaphthylene	14.175	152	1038698	19.461	ng/ul	99
51) 3-Nitroaniline	14.369	138	164584	20.564	ng/ul	98
52) Acenaphthene	14.516	153	690715	19.572	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	117108	27.559	ng/ul	97
55) 4-Nitrophenol	14.687	109	124896	23.360	ng/ul	93
56) Dibenzofuran	14.851	168	986670	20.116	ng/ul	99
57) 2,4-Dinitrotoluene	14.828	165	246757	21.879	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.081	232	231760	22.605	ng/ul	94
59) Diethylphthalate	15.286	149	814578	19.615	ng/ul	99
61) Fluorene	15.504	166	799427	20.598	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	432771	21.261	ng/ul	96
63) 4-Nitroaniline	15.534	138	166037	21.776	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.592	198	158674	22.084	ng/ul	92
67) N-Nitrosodiphenylamine	15.722	169	682381	18.373	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	282420	19.959	ng/ul	98
69) Hexachlorobenzene	16.510	284	338372	21.418	ng/ul	95
70) Atrazine	16.681	200	212190	19.217	ng/ul	97
71) Pentachlorophenol	16.857	266	213513	22.724	ng/ul	99
72) Phenanthrene	17.251	178	1310419	19.358	ng/ul	99
74) Anthracene	17.345	178	1329110	19.588	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.251	216	380204	19.618	ng/ul	98
76) Pentachlorobenzene	14.769	250	389250	20.447	ng/ul	99
77) Carbazole	17.616	167	1204637	22.276	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1439220	19.987	ng/ul	100
80) Fluoranthene	19.222	202	1652058	15.413	ng/ul	96
82) Pyrene	19.574	202	1713598	15.848	ng/ul	95
83) Butylbenzylphthalate	20.457	149	661194	16.703	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.227	252	576905	20.380	ng/ul	97
85) Benzo(a)anthracene	21.286	228	1822669	19.277	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	976492	17.948	ng/ul	100
87) Chrysene	21.339	228	1668804	19.166	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	1683167	17.104	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	1843889	18.555	ng/ul	98
91) Benzo(k)fluoranthene	22.992	252	1822964	18.959	ng/ul	98
93) Benzo(a)pyrene	23.563	252	1731519	19.069	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.121	276	2199929	20.278	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.139	278	1823631	20.207	ng/ul#	96
96) Benzo(g,h,i)perylene	26.880	276	1772911	20.306	ng/ul#	95

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

