

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080222\
 Data File : BP011227.D
 Acq On : 02 Aug 2022 15:57
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020726

Quant Time: Aug 02 23:17:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:11:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	228669	20.000	ng/u1	0.04
20) Naphthalene-d8	10.440	136	1037536	20.000	ng/u1	0.04
38) Acenaphthene-d10	14.316	164	544948	20.000	ng/u1	0.04
64) Phenanthrene-d10	17.086	188	976571	20.000	ng/u1	0.04
79) Chrysene-d12	21.210	240	911684	20.000	ng/u1	0.04
88) Perylene-d12	23.551	264	1032731	20.000	ng/u1	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	30782	6.165	ng/uL	0.05
4) Pyridine-d5	3.552	84	160817	11.384	ng/u1	0.05
7) Phenol-d5	6.828	99	379474	19.012	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	6.987	67	283192	20.066	ng/u1	0.04
11) 2-Chlorophenol-d4	7.175	132	317531	20.188	ng/u1	0.04
15) 4-Methylphenol-d8	8.363	113	315704	19.336	ng/u1	0.04
21) Nitrobenzene-d5	8.810	128	153648	19.055	ng/u1	0.04
24) 2-Nitrophenol-d4	9.528	143	145111	18.788	ng/u1	0.04
28) 2,4-Dichlorophenol-d3	10.063	165	271824	19.970	ng/u1	0.04
31) 4-Chloroaniline-d4	10.587	131	407567	18.470	ng/u1	0.04
46) Dimethylphthalate-d6	13.734	166	729829	19.657	ng/u1	0.04
49) Acenaphthylene-d8	14.004	160	944267	20.239	ng/u1	0.04
54) 4-Nitrophenol-d4	14.539	143	114456	17.138	ng/u1	0.04
60) Fluorene-d10	15.316	176	622743	19.961	ng/u1	0.04
65) 4,6-Dinitro-2-methylph...	15.451	200	80243	16.300	ng/u1	0.04
73) Anthracene-d10	17.186	188	872711	20.281	ng/u1	0.04
81) Pyrene-d10	19.445	212	937863	19.144	ng/u1	0.04
92) Benzo(a)pyrene-d12	23.398	264	1021150	19.907	ng/u1	0.05
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	22003	4.257	ng/uL	95
5) Pyridine	3.569	79	161990	11.117	ng/u1	100
6) Benzaldehyde	6.793	77	160238	16.643	ng/u1	100
8) Phenol	6.852	94	411482	19.216	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.081	93	345135	19.879	ng/u1	99
12) 2-Chlorophenol	7.210	128	333260	20.379	ng/u1	99
13) 2-Methylphenol	8.099	108	313098	19.728	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.175	45	361860	12.444	ng/u1	99
16) Acetophenone	8.475	105	531479	20.927	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.463	70	261730	19.495	ng/u1	98
18) 4-Methylphenol	8.428	108	341424	19.975	ng/u1	97
19) Hexachloroethane	8.710	117	155188	21.126	ng/u1	98
22) Nitrobenzene	8.852	77	413455	19.944	ng/u1	97
23) Isophorone	9.381	82	738957	19.701	ng/u1	98
25) 2-Nitrophenol	9.557	139	169616	19.543	ng/u1	94
26) 2,4-Dimethylphenol	9.628	107	376785	20.209	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.869	93	463075	19.649	ng/u1	98
29) 2,4-Dichlorophenol	10.093	162	282089	20.038	ng/u1	99
30) Naphthalene	10.487	128	1105243	20.248	ng/u1	100
32) 4-Chloroaniline	10.610	127	423985	19.337	ng/u1	99
33) Hexachlorobutadiene	10.769	225	174989	20.353	ng/u1	98
34) Caprolactam	11.410	113	75743	16.178	ng/u1	97
35) 4-Chloro-3-methylphenol	11.751	107	316327	20.041	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	686855	19.884	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	694878	20.080	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	299581	19.759	ng/ul	97
40) Hexachlorocyclopentadiene	12.457	237	202092	20.218	ng/ul	98
41) 2,4,6-Trichlorophenol	12.740	196	191422	20.106	ng/ul	100
42) 2,4,5-Trichlorophenol	12.810	196	201292	19.973	ng/ul	99
43) 1,1'-Biphenyl	13.140	154	873972	20.072	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	652552	20.047	ng/ul	99
45) 2-Nitroaniline	13.398	65	157901	16.691	ng/ul	96
47) Dimethylphthalate	13.787	163	733392	19.614	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	114542	17.531	ng/ul	99
50) Acenaphthylene	14.034	152	1063606	20.406	ng/ul	100
51) 3-Nitroaniline	14.240	138	97076	13.758	ng/ul	93
52) Acenaphthene	14.381	153	685603	20.138	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	65004	17.641	ng/ul	95
55) 4-Nitrophenol	14.557	109	105035	18.304	ng/ul	95
56) Dibenzofuran	14.716	168	929601	20.088	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	179697	19.712	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	146640	20.010	ng/ul	98
59) Diethylphthalate	15.157	149	754003	20.176	ng/ul	99
61) Fluorene	15.375	166	725103	20.150	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	325217	19.857	ng/ul	99
63) 4-Nitroaniline	15.410	138	61536	10.258	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.463	198	86845	17.370	ng/ul	97
67) N-Nitrosodiphenylamine	15.592	169	588542	19.611	ng/ul	99
68) 4-Bromophenyl-phenylether	16.275	248	181286	19.345	ng/ul	98
69) Hexachlorobenzene	16.381	284	208586	19.457	ng/ul	99
70) Atrazine	16.563	200	165534	17.540	ng/ul	99
71) Pentachlorophenol	16.733	266	113132	18.381	ng/ul	99
72) Phenanthrene	17.128	178	1068226	19.987	ng/ul	99
74) Anthracene	17.222	178	1072500	20.284	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	304446	18.083	ng/uL	98
76) Pentachlorobenzene	14.634	250	267219	19.258	ng/uL	99
77) Carbazole	17.498	167	941352	20.095	ng/ul	98
78) Di-n-butylphthalate	18.069	149	1136494	20.288	ng/ul	99
80) Fluoranthene	19.116	202	1147818	18.968	ng/ul	99
82) Pyrene	19.475	202	1184515	19.048	ng/ul	97
83) Butylbenzylphthalate	20.369	149	454501	18.252	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.133	252	248478	15.626	ng/ul	99
85) Benzo(a)anthracene	21.192	228	1137908	20.078	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.133	149	763010	20.275	ng/ul	99
87) Chrysene	21.245	228	1120002	19.879	ng/ul	99
89) Di-n-octyl phthalate	22.045	149	1372749	19.340	ng/ul	100
90) Benzo(b)fluoranthene	22.839	252	1293937	19.875	ng/ul	99
91) Benzo(k)fluoranthene	22.886	252	1191783	19.288	ng/ul	99
93) Benzo(a)pyrene	23.445	252	1268932	19.982	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.974	276	1528090	19.532	ng/ul	98
95) Dibenzo(a,h)anthracene	25.992	278	1300236	19.377	ng/ul	98
96) Benzo(g,h,i)perylene	26.715	276	1317987	19.478	ng/ul	100

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

