

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018949.D
 Acq On : 19 Dec 2023 15:41
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020735

Quant Time: Dec 19 21:42:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 05:28:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	384532	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	1342554	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	696994	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1419701	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1626366	20.000	ng/u1	-0.01
88) Perylene-d12	23.668	264	1960077	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	79074	7.008	ng/uL	0.00
4) Pyridine-d5	3.669	84	551872	18.259	ng/u1	-0.01
7) Phenol-d5	7.005	99	690954	17.905	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	388953	17.006	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	549116	18.236	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	513252	16.435	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	249523	20.882	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	274604	22.166	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	503873	19.891	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	602643	18.204	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	1152886	18.533	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1370889	20.013	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	184918	18.109	ng/u1	0.00
60) Fluorene-d10	15.457	176	964034	18.462	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	118776	13.953	ng/u1	0.00
73) Anthracene-d10	17.310	188	1482958	19.869	ng/u1	0.00
81) Pyrene-d10	19.551	212	1957707	15.464	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	2183617	19.107	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	84223	6.806	ng/uL	98
5) Pyridine	3.693	79	563922	18.475	ng/u1	93
6) Benzaldehyde	6.969	77	358118	17.975	ng/u1	97
8) Phenol	7.034	94	680905	17.993	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.258	93	546155	17.573	ng/u1	98
12) 2-Chlorophenol	7.393	128	552419	18.127	ng/u1	97
13) 2-Methylphenol	8.281	108	493547	17.035	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.357	45	594918	15.086	ng/u1	97
16) Acetophenone	8.657	105	770258	16.550	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.646	70	357381	13.958	ng/u1	96
18) 4-Methylphenol	8.610	108	518071	16.376	ng/u1	99
19) Hexachloroethane	8.899	117	213903	17.121	ng/u1	91
22) Nitrobenzene	9.034	77	570241	19.628	ng/u1	96
23) Isophorone	9.563	82	1005043	16.967	ng/u1	98
25) 2-Nitrophenol	9.746	139	283567	21.378	ng/u1	97
26) 2,4-Dimethylphenol	9.810	107	458929	17.690	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.046	93	638491	17.073	ng/u1	100
29) 2,4-Dichlorophenol	10.275	162	481234	19.723	ng/u1	98
30) Naphthalene	10.675	128	1562668	19.187	ng/u1	100
32) 4-Chloroaniline	10.793	127	577622	18.306	ng/u1	99
33) Hexachlorobutadiene	10.951	225	371807	22.753	ng/u1	99
34) Caprolactam	11.581	113	113989	15.236	ng/u1	89
35) 4-Chloro-3-methylphenol	11.922	107	431517	15.787	ng/u1	98
36) 2-Methylnaphthalene	12.287	142	985533	17.081	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	975509	16.742	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	597450	23.626	ng/ul	99
40) Hexachlorocyclopentadiene	12.628	237	142658	9.518	ng/ul	97
41) 2,4,6-Trichlorophenol	12.898	196	358193	22.019	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	366265	20.768	ng/ul	99
43) 1,1'-Biphenyl	13.298	154	1230724	20.417	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	995722	20.914	ng/ul	98
45) 2-Nitroaniline	13.551	65	236027	18.287	ng/ul	94
47) Dimethylphthalate	13.928	163	1126693	18.400	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	224932	19.443	ng/ul	91
50) Acenaphthylene	14.187	152	1515148	19.674	ng/ul	99
51) 3-Nitroaniline	14.375	138	231673	20.061	ng/ul	96
52) Acenaphthene	14.528	153	987297	19.389	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	65828	10.736	ng/ul	97
55) 4-Nitrophenol	14.692	109	142655	18.492	ng/ul	96
56) Dibenzofuran	14.863	168	1349964	19.075	ng/ul	97
57) 2,4-Dinitrotoluene	14.834	165	303977	18.679	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.092	232	295762	19.993	ng/ul	92
59) Diethylphthalate	15.287	149	1024171	17.092	ng/ul	99
61) Fluorene	15.510	166	1054979	18.839	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	563754	19.195	ng/ul	95
63) 4-Nitroaniline	15.539	138	238964	21.720	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.598	198	127827	14.045	ng/ul	93
67) N-Nitrosodiphenylamine	15.722	169	866393	18.416	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	348866	19.465	ng/ul	95
69) Hexachlorobenzene	16.516	284	412524	20.615	ng/ul	95
70) Atrazine	16.681	200	248003	17.732	ng/ul	97
71) Pentachlorophenol	16.863	266	261024	21.932	ng/ul	99
72) Phenanthrene	17.257	178	1686742	19.672	ng/ul	100
74) Anthracene	17.345	178	1707652	19.869	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.263	216	577018	23.506	ng/ul	99
76) Pentachlorobenzene	14.781	250	517395	21.457	ng/ul	99
77) Carbazole	17.622	167	1541983	22.511	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1636263	17.939	ng/ul	100
80) Fluoranthene	19.222	202	2209424	14.764	ng/ul	97
82) Pyrene	19.580	202	2323899	15.394	ng/ul#	94
83) Butylbenzylphthalate	20.457	149	838651	15.174	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.227	252	784143	19.841	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2522483	19.108	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1178776	15.518	ng/ul#	99
87) Chrysene	21.345	228	2338484	19.236	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	2175093	15.199	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2680938	18.551	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	2497348	17.860	ng/ul	98
93) Benzo(a)pyrene	23.568	252	2469384	18.700	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.133	276	3108351	19.701	ng/ul	95
95) Dibenzo(a,h)anthracene	26.151	278	2578462	19.646	ng/ul	97
96) Benzo(g,h,i)perylene	26.892	276	2523867	19.877	ng/ul#	95

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

