

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018535.D
 Acq On : 03 Dec 2023 02:48
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020704

Quant Time: Dec 03 03:15:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 01 21:56:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	320415	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.657	136	1274605	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.487	164	781911	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.234	188	1746418	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1794944	20.000	ng/u1	-0.01
88) Perylene-d12	23.692	264	2067405	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	77201	8.211	ng/uL	0.00
4) Pyridine-d5	3.687	84	533421	21.180	ng/u1	0.00
7) Phenol-d5	7.028	99	627482	19.514	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	383753	20.136	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.387	132	483814	19.283	ng/u1	-0.01
15) 4-Methylphenol-d8	8.569	113	487740	18.743	ng/u1	-0.01
21) Nitrobenzene-d5	9.022	128	222988	19.656	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	219306	18.646	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.275	165	474742	19.740	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.793	131	663798	21.120	ng/u1	-0.01
46) Dimethylphthalate-d6	13.904	166	1351574	19.367	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	1575069	20.497	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.687	143	254802	22.243	ng/u1	0.00
60) Fluorene-d10	15.481	176	1193261	20.370	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	184729	17.641	ng/u1	-0.01
73) Anthracene-d10	17.334	188	1871422	20.383	ng/u1	0.00
81) Pyrene-d10	19.569	212	2286881	16.367	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	2391385	19.838	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	84462	8.191	ng/uL	98
5) Pyridine	3.711	79	544680	21.416	ng/u1	96
6) Benzaldehyde	6.999	77	378302	22.787	ng/u1	98
8) Phenol	7.052	94	634748	20.129	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.287	93	520470	20.098	ng/u1	98
12) 2-Chlorophenol	7.422	128	496231	19.542	ng/u1	98
13) 2-Methylphenol	8.305	108	461756	19.127	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	639557	19.463	ng/u1	98
16) Acetophenone	8.687	105	762468	19.661	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	364217	17.072	ng/u1	99
18) 4-Methylphenol	8.634	108	502639	19.068	ng/u1	97
19) Hexachloroethane	8.940	117	205713	19.761	ng/u1	99
22) Nitrobenzene	9.063	77	563988	20.448	ng/u1	100
23) Isophorone	9.593	82	1028573	18.290	ng/u1	100
25) 2-Nitrophenol	9.769	139	247339	19.641	ng/u1	98
26) 2,4-Dimethylphenol	9.834	107	487575	19.797	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.075	93	669679	18.862	ng/u1	99
29) 2,4-Dichlorophenol	10.305	162	459867	19.852	ng/u1	99
30) Naphthalene	10.710	128	1573152	20.345	ng/u1	100
32) 4-Chloroaniline	10.822	127	644185	21.504	ng/u1	100
33) Hexachlorobutadiene	10.993	225	315450	20.333	ng/u1	98
34) Caprolactam	11.593	113	125937	17.730	ng/u1	97
35) 4-Chloro-3-methylphenol	11.946	107	474695	18.292	ng/u1	100
36) 2-Methylnaphthalene	12.316	142	1049973	19.168	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	1058502	19.134	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.681	216	598004	21.080	ng/ul	98
40) Hexachlorocyclopentadiene	12.663	237	324266	19.284	ng/ul	100
41) 2,4,6-Trichlorophenol	12.922	196	362484	19.863	ng/ul	99
42) 2,4,5-Trichlorophenol	12.993	196	388156	19.619	ng/ul	99
43) 1,1'-Biphenyl	13.328	154	1380169	20.409	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	1109871	20.780	ng/ul	99
45) 2-Nitroaniline	13.569	65	287363	19.847	ng/ul	94
47) Dimethylphthalate	13.951	163	1350032	19.653	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	247324	19.056	ng/ul	97
50) Acenaphthylene	14.210	152	1788593	20.702	ng/ul	100
51) 3-Nitroaniline	14.393	138	280751	21.670	ng/ul	96
52) Acenaphthene	14.551	153	1163876	20.374	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	115490	16.790	ng/ul	95
55) 4-Nitrophenol	14.698	109	195993	22.646	ng/ul	97
56) Dibenzofuran	14.887	168	1638229	20.634	ng/ul	98
57) 2,4-Dinitrotoluene	14.851	165	367934	20.154	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.110	232	325964	19.641	ng/ul	99
59) Diethylphthalate	15.316	149	1305858	19.426	ng/ul	100
61) Fluorene	15.534	166	1318917	20.994	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.534	204	667355	20.255	ng/ul	98
63) 4-Nitroaniline	15.557	138	294442	23.856	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	203989	18.221	ng/ul	98
67) N-Nitrosodiphenylamine	15.745	169	1120284	19.358	ng/ul	100
68) 4-Bromophenyl-phenylether	16.428	248	398382	18.069	ng/ul	96
69) Hexachlorobenzene	16.534	284	471106	19.138	ng/ul	98
70) Atrazine	16.698	200	360906	20.976	ng/ul	98
71) Pentachlorophenol	16.881	266	286129	19.544	ng/ul	99
72) Phenanthrene	17.275	178	2156722	20.448	ng/ul	100
74) Anthracene	17.369	178	2183460	20.652	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.287	216	589158	19.510	ng/ul	99
76) Pentachlorobenzene	14.804	250	565750	19.073	ng/ul	99
77) Carbazole	17.639	167	1982139	23.523	ng/ul	99
78) Di-n-butylphthalate	18.198	149	2204669	19.649	ng/ul	100
80) Fluoranthene	19.239	202	2603381	15.763	ng/ul	99
82) Pyrene	19.598	202	2740562	16.449	ng/ul	98
83) Butylbenzylphthalate	20.475	149	989446	16.222	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	924526	21.196	ng/ul	99
85) Benzo(a)anthracene	21.304	228	2906655	19.950	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	1475436	17.599	ng/ul	100
87) Chrysene	21.357	228	2704710	20.159	ng/ul	99
89) Di-n-octyl phthalate	22.151	149	2570976	17.032	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	2995905	19.654	ng/ul	100
91) Benzo(k)fluoranthene	23.016	252	2872046	19.473	ng/ul	99
93) Benzo(a)pyrene	23.586	252	2806077	20.147	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.157	276	3438210	20.661	ng/ul	98
95) Dibenzo(a,h)anthracene	26.180	278	2894217	20.907	ng/ul	99
96) Benzo(g,h,i)perylene	26.921	276	2752879	20.555	ng/ul	98

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

