

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
 Data File : BP018554.D
 Acq On : 04 Dec 2023 09:14
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020706

Quant Time: Dec 04 09:46:23 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	7.857	152	333790	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.651	136	1506072	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.487	164	994285	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	2062502	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1458323	20.000	ng/u1	0.00
88) Perylene-d12	23.692	264	1412869	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	77034	7.865	ng/uL	0.00
4) Pyridine-d5	3.687	84	582370	22.197	ng/u1	0.00
7) Phenol-d5	7.022	99	708534	21.152	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.193	67	441464	22.236	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.387	132	529897	20.273	ng/u1	-0.01
15) 4-Methylphenol-d8	8.569	113	573501	21.156	ng/u1	-0.01
21) Nitrobenzene-d5	9.016	128	265074	19.775	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.740	143	260312	18.731	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.275	165	570172	20.064	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.793	131	808076	21.759	ng/u1	-0.01
46) Dimethylphthalate-d6	13.904	166	1756746	19.796	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	2000299	20.471	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.687	143	276129	18.956	ng/u1	0.00
60) Fluorene-d10	15.475	176	1500785	20.148	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.592	200	211787	17.125	ng/u1	-0.01
73) Anthracene-d10	17.333	188	2212909	20.409	ng/u1	0.00
81) Pyrene-d10	19.569	212	2312296	20.369	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	1634346	19.839	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	84053	7.825	ng/uL	99
5) Pyridine	3.705	79	592372	22.358	ng/u1	100
6) Benzaldehyde	6.999	77	415781	24.041	ng/u1	97
8) Phenol	7.052	94	716657	21.816	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.287	93	595665	22.080	ng/u1	99
12) 2-Chlorophenol	7.416	128	536346	20.275	ng/u1	98
13) 2-Methylphenol	8.305	108	540411	21.489	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	763606	22.307	ng/u1	99
16) Acetophenone	8.681	105	913437	22.610	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	459051	20.654	ng/u1	99
18) 4-Methylphenol	8.634	108	598467	21.793	ng/u1	96
19) Hexachloroethane	8.934	117	215922	19.910	ng/u1	99
22) Nitrobenzene	9.057	77	667270	20.474	ng/u1	98
23) Isophorone	9.587	82	1307295	19.674	ng/u1	100
25) 2-Nitrophenol	9.769	139	295780	19.878	ng/u1	98
26) 2,4-Dimethylphenol	9.834	107	580948	19.963	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.075	93	844254	20.125	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	556740	20.340	ng/u1	98
30) Naphthalene	10.704	128	1871137	20.480	ng/u1	99
32) 4-Chloroaniline	10.816	127	784717	22.170	ng/u1	100
33) Hexachlorobutadiene	10.993	225	358423	19.552	ng/u1	99
34) Caprolactam	11.593	113	157429	18.757	ng/u1	99
35) 4-Chloro-3-methylphenol	11.940	107	603530	19.682	ng/u1	100
36) 2-Methylnaphthalene	12.310	142	1304499	20.154	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	1316398	20.139	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	731054	20.265	ng/ul	98
40) Hexachlorocyclopentadiene	12.663	237	380413	17.791	ng/ul	99
41) 2,4,6-Trichlorophenol	12.922	196	458988	19.779	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	502942	19.991	ng/ul	98
43) 1,1'-Biphenyl	13.322	154	1749524	20.345	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	1390996	20.481	ng/ul	98
45) 2-Nitroaniline	13.569	65	365604	19.857	ng/ul	98
47) Dimethylphthalate	13.951	163	1743947	19.964	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	324273	19.649	ng/ul	98
50) Acenaphthylene	14.210	152	2263740	20.605	ng/ul	100
51) 3-Nitroaniline	14.392	138	336226	20.409	ng/ul	95
52) Acenaphthene	14.551	153	1474934	20.305	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	126125	14.420	ng/ul	95
55) 4-Nitrophenol	14.698	109	213802	19.428	ng/ul	99
56) Dibenzofuran	14.887	168	2053619	20.341	ng/ul	98
57) 2,4-Dinitrotoluene	14.851	165	463505	19.966	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.110	232	407402	19.305	ng/ul	99
59) Diethylphthalate	15.316	149	1682844	19.687	ng/ul	100
61) Fluorene	15.534	166	1656756	20.739	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.534	204	857342	20.463	ng/ul	96
63) 4-Nitroaniline	15.557	138	321864	20.508	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.610	198	238537	18.041	ng/ul	97
67) N-Nitrosodiphenylamine	15.745	169	1405150	20.560	ng/ul	100
68) 4-Bromophenyl-phenylether	16.428	248	514233	19.749	ng/ul	95
69) Hexachlorobenzene	16.533	284	588099	20.229	ng/ul	99
70) Atrazine	16.704	200	438799	21.595	ng/ul	98
71) Pentachlorophenol	16.881	266	315971	18.275	ng/ul	98
72) Phenanthrene	17.275	178	2553991	20.503	ng/ul	100
74) Anthracene	17.369	178	2587606	20.724	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.287	216	731716	20.518	ng/uL	99
76) Pentachlorobenzene	14.804	250	716970	20.467	ng/uL	100
77) Carbazole	17.639	167	2192611	22.033	ng/ul	99
78) Di-n-butylphthalate	18.198	149	2630299	19.850	ng/ul	100
80) Fluoranthene	19.245	202	2747349	20.474	ng/ul	99
82) Pyrene	19.598	202	2806255	20.731	ng/ul	98
83) Butylbenzylphthalate	20.474	149	928798	18.742	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	681516	19.231	ng/ul	98
85) Benzo(a)anthracene	21.304	228	2378955	20.098	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	1264030	18.558	ng/ul	99
87) Chrysene	21.357	228	2189868	20.090	ng/ul	100
89) Di-n-octyl phthalate	22.151	149	1810625	17.552	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	2049457	19.674	ng/ul	99
91) Benzo(k)fluoranthene	23.015	252	2011662	19.958	ng/ul	99
93) Benzo(a)pyrene	23.586	252	1927197	20.247	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.162	276	2397627	21.082	ng/ul	99
95) Dibenzo(a,h)anthracene	26.180	278	2005161	21.195	ng/ul	99
96) Benzo(g,h,i)perylene	26.921	276	1935179	21.144	ng/ul	97

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

