

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015616.D
 Acq On : 19 Jun 2023 22:52
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020757

Quant Time: Jun 20 00:01:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	172566	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	750133	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	482137	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.487	188	1121018	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	923363	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	949120	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	30942	6.640	ng/uL	0.00
4) Pyridine-d5	3.846	84	228658	18.890	ng/u1	0.00
7) Phenol-d5	7.246	99	328820	20.683	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	192382	20.262	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	244908	21.248	ng/u1	0.00
15) 4-Methylphenol-d8	8.811	113	263068	20.162	ng/u1	0.01
21) Nitrobenzene-d5	9.269	128	128752	21.862	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	150773	22.418	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	269666	21.980	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	365501	20.755	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	787443	20.712	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	913742	21.979	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	126450	18.573	ng/u1	0.01
60) Fluorene-d10	15.722	176	685166	21.371	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	115633	16.282	ng/u1	0.00
73) Anthracene-d10	17.587	188	1104594	21.657	ng/u1	0.00
81) Pyrene-d10	19.810	212	1264477	25.586	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	994235	20.877	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	35247	7.160	ng/uL	88
5) Pyridine	3.870	79	239763	19.106	ng/u1	99
6) Benzaldehyde	7.222	77	109856	18.078	ng/u1	97
8) Phenol	7.275	94	341806	20.840	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.505	93	257618	19.866	ng/u1	98
12) 2-Chlorophenol	7.646	128	261729	21.492	ng/u1	98
13) 2-Methylphenol	8.540	108	257426	20.399	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.616	45	350176	20.377	ng/u1	99
16) Acetophenone	8.922	105	426336	20.475	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.905	70	223992	19.931	ng/u1	100
18) 4-Methylphenol	8.875	108	280920	20.233	ng/u1	100
19) Hexachloroethane	9.169	117	109011	21.183	ng/u1	98
22) Nitrobenzene	9.310	77	345000	22.090	ng/u1	99
23) Isophorone	9.834	82	643300	20.576	ng/u1	99
25) 2-Nitrophenol	10.022	139	157085	21.633	ng/u1	98
26) 2,4-Dimethylphenol	10.081	107	329052	21.368	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.316	93	362247	19.929	ng/u1	100
29) 2,4-Dichlorophenol	10.563	162	270874	22.206	ng/u1	99
30) Naphthalene	10.963	128	863749	21.249	ng/u1	99
32) 4-Chloroaniline	11.081	127	383347	21.038	ng/u1	99
33) Hexachlorobutadiene	11.240	225	184038	22.372	ng/u1	97
34) Caprolactam	11.875	113	91071	19.833	ng/u1	93
35) 4-Chloro-3-methylphenol	12.204	107	313690	21.225	ng/u1	99
36) 2-Methylnaphthalene	12.563	142	589204	20.619	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	592975	20.610	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.928	216	336646	22.423	ng/ul	98
40) Hexachlorocyclopentadiene	12.899	237	66593	10.821	ng/ul	97
41) 2,4,6-Trichlorophenol	13.175	196	227752	22.792	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	245642	22.559	ng/ul	97
43) 1,1'-Biphenyl	13.563	154	796993	21.375	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	639732	21.869	ng/ul	98
45) 2-Nitroaniline	13.822	65	219294	23.423	ng/ul	95
47) Dimethylphthalate	14.181	163	813760	20.730	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	178782	22.230	ng/ul	100
50) Acenaphthylene	14.457	152	1005747	21.846	ng/ul	99
51) 3-Nitroaniline	14.646	138	157101	23.663	ng/ul	99
52) Acenaphthene	14.793	153	692996	21.776	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	70400	14.552	ng/ul	98
55) 4-Nitrophenol	14.963	109	132460	20.170	ng/ul	92
56) Dibenzofuran	15.128	168	957775	21.235	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	256689	21.700	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.357	232	221424	22.522	ng/ul#	98
59) Diethylphthalate	15.540	149	838590	20.844	ng/ul	99
61) Fluorene	15.781	166	790291	21.494	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.763	204	391985	21.153	ng/ul	99
63) 4-Nitroaniline	15.810	138	151671	24.085	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.875	198	114663	15.831	ng/ul	96
67) N-Nitrosodiphenylamine	15.981	169	675117	21.228	ng/ul	100
68) 4-Bromophenyl-phenylether	16.663	248	257451	21.467	ng/ul	95
69) Hexachlorobenzene	16.787	284	311582	22.025	ng/ul	94
70) Atrazine	16.939	200	273111	21.505	ng/ul	98
71) Pentachlorophenol	17.140	266	186448	23.318	ng/ul	100
72) Phenanthrene	17.534	178	1298399	21.583	ng/ul	100
74) Anthracene	17.622	178	1313466	21.519	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.534	216	346363	22.387	ng/uL	98
76) Pentachlorobenzene	15.051	250	350756	21.653	ng/uL	96
77) Carbazole	17.892	167	1187691	21.610	ng/ul	99
78) Di-n-butylphthalate	18.416	149	1523882	21.853	ng/ul	99
80) Fluoranthene	19.486	202	1563835	25.978	ng/ul	99
82) Pyrene	19.839	202	1585579	25.459	ng/ul	98
83) Butylbenzylphthalate	20.692	149	725876	26.370	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.480	252	347225	15.917	ng/ul	97
85) Benzo(a)anthracene	21.557	228	1397680	21.653	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1037397	25.497	ng/ul	100
87) Chrysene	21.610	228	1297736	21.270	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	1801234	28.876	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1327144	21.662	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	1223710	20.663	ng/ul	99
93) Benzo(a)pyrene	24.010	252	1118421	20.938	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.821	276	1449224	20.964	ng/ul	99
95) Dibenzo(a,h)anthracene	26.833	278	1219490	21.653	ng/ul	99
96) Benzo(g,h,i)perylene	27.657	276	1186596	20.829	ng/ul	97

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

