

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062822\
 Data File : BP010903.D
 Acq On : 28 Jun 2022 14:20
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020688

Quant Time: Jun 28 23:20:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 27 23:12:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	464759	20.000	ng/ul	0.00
20) Naphthalene-d8	10.505	136	1881838	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	961314	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	1667674	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.245	240	1549069	20.000	ng/ul	# 0.00
88) Perylene-d12	23.610	264	1777311	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	100049	8.143	ng/uL	0.00
4) Pyridine-d5	3.611	84	640225	19.576	ng/ul	0.00
7) Phenol-d5	6.887	99	735000	19.978	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	473870	19.695	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	626739	20.533	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	581085	19.980	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	279249	23.310	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	270010	27.243	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	498575	20.359	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	757450	18.948	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	1248754	18.963	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1597042	19.003	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	201246	19.566	ng/ul	0.00
60) Fluorene-d10	15.363	176	1065266	18.851	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	116920	21.161	ng/ul	0.00
73) Anthracene-d10	17.228	188	1446246	19.492	ng/ul	0.00
81) Pyrene-d10	19.481	212	1546548	18.325	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.457	264	1728212	19.677	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	101370	7.737	ng/uL#	84
5) Pyridine	3.628	79	657315	19.841	ng/ul#	73
6) Benzaldehyde	6.852	77	433442	22.329	ng/ul	97
8) Phenol	6.911	94	786215	19.981	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.140	93	630569	19.953	ng/ul	89
12) 2-Chlorophenol	7.275	128	643880	20.435	ng/ul	90
13) 2-Methylphenol	8.158	108	574300	19.604	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.246	45	809481	19.091	ng/ul#	96
16) Acetophenone	8.534	105	886527	19.848	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.522	70	432722	19.160	ng/ul	88
18) 4-Methylphenol	8.487	108	609681	19.985	ng/ul	97
19) Hexachloroethane	8.781	117	248473	19.473	ng/ul	85
22) Nitrobenzene	8.910	77	648809	21.702	ng/ul	90
23) Isophorone	9.440	82	1132759	18.068	ng/ul	97
25) 2-Nitrophenol	9.616	139	307303	25.604	ng/ul#	83
26) 2,4-Dimethylphenol	9.687	107	643491	19.624	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.928	93	765038	19.344	ng/ul	98
29) 2,4-Dichlorophenol	10.152	162	513254	20.170	ng/ul	100
30) Naphthalene	10.552	128	1920887	19.585	ng/ul	100
32) 4-Chloroaniline	10.669	127	755939	19.087	ng/ul	100
33) Hexachlorobutadiene	10.834	225	311592	19.166	ng/ul	95
34) Caprolactam	11.457	113	135603	16.963	ng/ul	84
35) 4-Chloro-3-methylphenol	11.810	107	518681	18.807	ng/ul	90
36) 2-Methylnaphthalene	12.169	142	1202458	18.933	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	1197585	18.980	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.540	216	554937	20.088	ng/ul	98
40) Hexachlorocyclopentadiene	12.522	237	297923	17.020	ng/ul	94
41) 2,4,6-Trichlorophenol	12.793	196	338551	21.257	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	361598	21.157	ng/ul	98
43) 1,1'-Biphenyl	13.193	154	1492969	19.728	ng/ul#	98
44) 2-Chloronaphthalene	13.234	162	1135465	19.917	ng/ul	100
45) 2-Nitroaniline	13.446	65	285304	23.588	ng/ul#	79
47) Dimethylphthalate	13.828	163	1242699	18.844	ng/ul	98
48) 2,6-Dinitrotoluene	13.951	165	228564	23.132	ng/ul	88
50) Acenaphthylene	14.081	152	1776328	19.299	ng/ul	98
51) 3-Nitroaniline	14.281	138	250405	21.139	ng/ul	87
52) Acenaphthene	14.428	153	1155913	19.463	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	65407	17.243	ng/ul#	81
55) 4-Nitrophenol	14.598	109	156407	19.124	ng/ul#	77
56) Dibenzofuran	14.763	168	1573299	19.340	ng/ul	96
57) 2,4-Dinitrotoluene	14.734	165	307619	23.299	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.993	232	246768	20.162	ng/ul#	89
59) Diethylphthalate	15.204	149	1185715	18.085	ng/ul	98
61) Fluorene	15.422	166	1212025	18.685	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	569585	18.757	ng/ul	98
63) 4-Nitroaniline	15.445	138	237593	21.693	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.498	198	119706	20.050	ng/ul	98
67) N-Nitrosodiphenylamine	15.640	169	1011734	20.030	ng/ul	97
68) 4-Bromophenyl-phenylether	16.322	248	317365	18.989	ng/ul	97
69) Hexachlorobenzene	16.422	284	371201	19.175	ng/ul	95
70) Atrazine	16.604	200	304316	18.172	ng/ul	97
71) Pentachlorophenol	16.775	266	154470	15.497	ng/ul	98
72) Phenanthrene	17.169	178	1768069	19.909	ng/ul	98
74) Anthracene	17.263	178	1756820	19.669	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	561478	20.403	ng/uL	97
76) Pentachlorobenzene	14.681	250	482618	20.448	ng/uL	99
77) Carbazole	17.539	167	1583015	19.689	ng/ul	99
78) Di-n-butylphthalate	18.110	149	1719585	17.948	ng/ul	99
80) Fluoranthene	19.157	202	1867847	17.996	ng/ul#	91
82) Pyrene	19.510	202	1929929	18.412	ng/ul#	86
83) Butylbenzylphthalate	20.404	149	736280	19.956	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.169	252	655837	20.503	ng/ul#	98
85) Benzo(a)anthracene	21.227	228	1900470	19.617	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	1024732	17.539	ng/ul#	96
87) Chrysene	21.280	228	1842445	19.846	ng/ul	99
89) Di-n-octyl phthalate	22.086	149	1790109	16.969	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	2095570	18.960	ng/ul#	96
91) Benzo(k)fluoranthene	22.939	252	2038588	19.404	ng/ul#	95
93) Benzo(a)pyrene	23.504	252	2114828	19.670	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.068	276	2555074	19.694	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.080	278	2195851	19.732	ng/ul#	93
96) Benzo(g,h,i)perylene	26.815	276	2167561	19.641	ng/ul#	89

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

