

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071322\
 Data File : BP010966.D
 Acq On : 13 Jul 2022 15:17
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020699

Quant Time: Jul 14 02:45:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 23:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	521373	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	2342843	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	1415031	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	2857825	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.239	240	2751916	20.000	ng/ul	# 0.00
88) Perylene-d12	23.604	264	2737724	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	100713	7.307	ng/uL	0.00
4) Pyridine-d5	3.605	84	678656	18.498	ng/ul	0.00
7) Phenol-d5	6.881	99	782141	18.951	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	508588	18.842	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	635503	18.559	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	641120	19.650	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	304665	20.427	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	287582	23.307	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	544629	17.864	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	926870	18.624	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	1708130	17.622	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	2054167	16.605	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	320434	21.165	ng/ul	0.00
60) Fluorene-d10	15.363	176	1453429	17.473	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	217037	22.923	ng/ul	0.00
73) Anthracene-d10	17.228	188	2176026	17.114	ng/ul	0.00
81) Pyrene-d10	19.475	212	2510812	16.747	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.451	264	2317931	17.133	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	106229	7.227	ng/uL#	86
5) Pyridine	3.623	79	704058	18.944	ng/ul#	79
6) Benzaldehyde	6.852	77	478526	21.974	ng/ul	98
8) Phenol	6.905	94	848941	19.232	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.140	93	664732	18.750	ng/ul	89
12) 2-Chlorophenol	7.269	128	660708	18.692	ng/ul	92
13) 2-Methylphenol	8.152	108	622082	18.930	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.240	45	917733	19.293	ng/ul#	97
16) Acetophenone	8.534	105	1005990	20.077	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.522	70	509941	20.127	ng/ul	91
18) 4-Methylphenol	8.481	108	685392	20.027	ng/ul	98
19) Hexachloroethane	8.775	117	247274	17.274	ng/ul#	79
22) Nitrobenzene	8.911	77	727740	19.553	ng/ul	91
23) Isophorone	9.440	82	1360237	17.427	ng/ul	97
25) 2-Nitrophenol	9.616	139	337771	22.605	ng/ul#	81
26) 2,4-Dimethylphenol	9.687	107	728207	17.838	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.922	93	886903	18.013	ng/ul	97
29) 2,4-Dichlorophenol	10.152	162	571808	18.049	ng/ul	99
30) Naphthalene	10.552	128	2118662	17.351	ng/ul	99
32) 4-Chloroaniline	10.669	127	929010	18.841	ng/ul	99
33) Hexachlorobutadiene	10.834	225	316040	15.615	ng/ul	95
34) Caprolactam	11.457	113	200035	20.099	ng/ul	91
35) 4-Chloro-3-methylphenol	11.804	107	667901	19.452	ng/ul	92
36) 2-Methylnaphthalene	12.169	142	1400354	17.710	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	1416054	18.027	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.540	216	638028	15.691	ng/ul	98
40) Hexachlorocyclopentadiene	12.516	237	342581	13.296	ng/ul	98
41) 2,4,6-Trichlorophenol	12.787	196	412503	17.596	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	457356	18.180	ng/ul	99
43) 1,1'-Biphenyl	13.193	154	1830666	16.434	ng/ul#	98
44) 2-Chloronaphthalene	13.228	162	1369930	16.325	ng/ul	98
45) 2-Nitroaniline	13.446	65	411960	23.138	ng/ul#	82
47) Dimethylphthalate	13.828	163	1715580	17.673	ng/ul	98
48) 2,6-Dinitrotoluene	13.946	165	319629	21.976	ng/ul	94
50) Acenaphthylene	14.081	152	2299887	16.975	ng/ul	98
51) 3-Nitroaniline	14.275	138	372836	21.382	ng/ul	89
52) Acenaphthene	14.428	153	1478403	16.911	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	139670	25.014	ng/ul#	80
55) 4-Nitrophenol	14.587	109	249824	20.752	ng/ul#	79
56) Dibenzofuran	14.763	168	2077043	17.345	ng/ul	97
57) 2,4-Dinitrotoluene	14.734	165	465912	23.973	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.993	232	352814	19.584	ng/ul	90
59) Diethylphthalate	15.204	149	1723790	17.862	ng/ul	98
61) Fluorene	15.416	166	1680880	17.604	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.416	204	762472	17.058	ng/ul	95
63) 4-Nitroaniline	15.445	138	362916	22.511	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.498	198	230702	22.549	ng/ul	98
67) N-Nitrosodiphenylamine	15.634	169	1440932	16.647	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	443500	15.485	ng/ul	95
69) Hexachlorobenzene	16.422	284	525565	15.843	ng/ul	94
70) Atrazine	16.604	200	486424	16.950	ng/ul	99
71) Pentachlorophenol	16.775	266	286657	16.782	ng/ul	98
72) Phenanthrene	17.169	178	2662853	17.497	ng/ul	99
74) Anthracene	17.263	178	2667965	17.430	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	667490	14.154	ng/ul	98
76) Pentachlorobenzene	14.675	250	617916	15.278	ng/ul	99
77) Carbazole	17.539	167	2490232	18.074	ng/ul	100
78) Di-n-butylphthalate	18.104	149	2798644	17.046	ng/ul	99
80) Fluoranthene	19.151	202	3049492	16.538	ng/ul#	88
82) Pyrene	19.504	202	3167300	17.009	ng/ul#	84
83) Butylbenzylphthalate	20.398	149	1263107	19.271	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.163	252	961657	16.923	ng/ul#	98
85) Benzo(a)anthracene	21.228	228	2987187	17.356	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	1847770	17.802	ng/ul#	97
87) Chrysene	21.275	228	2898778	17.576	ng/ul	100
89) Di-n-octyl phthalate	22.080	149	3081060	18.960	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	2971713	17.455	ng/ul#	95
91) Benzo(k)fluoranthene	22.933	252	2891598	17.868	ng/ul#	95
93) Benzo(a)pyrene	23.498	252	2843340	17.168	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.051	276	2940223	14.713	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.074	278	2553597	14.897	ng/ul#	92
96) Benzo(g,h,i)perylene	26.798	276	2447649	14.398	ng/ul#	87

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

