

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093022\
 Data File : BP011850.D
 Acq On : 30 Sep 2022 20:29
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV623

Quant Time: Oct 01 01:06:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 01 00:53:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	253849	20.000	ng/u1	0.00
20) Naphthalene-d8	10.705	136	1170887	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	819281	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1814120	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	2007930	20.000	ng/u1	0.00
88) Perylene-d12	23.816	264	2274105	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	36714	6.379	ng/uL	0.00
4) Pyridine-d5	3.728	84	255436	15.151	ng/u1	0.00
7) Phenol-d5	7.058	99	333510	15.219	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	221258	18.215	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	289321	16.724	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	334244	18.450	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	171088	19.183	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	186621	19.558	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	352495	19.972	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	519840	19.320	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1173320	20.027	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	1365611	20.446	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	220842	18.203	ng/u1	0.00
60) Fluorene-d10	15.534	176	999902	19.652	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	203081	18.495	ng/u1	0.00
73) Anthracene-d10	17.398	188	1567417	18.968	ng/u1	0.00
81) Pyrene-d10	19.628	212	1904506	18.728	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.657	264	2192489	19.260	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	36997	5.951	ng/uL	97
5) Pyridine	3.752	79	229469	14.023	ng/u1	99
6) Benzaldehyde	7.034	77	226207	23.564	ng/u1	98
8) Phenol	7.081	94	358561	15.775	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.316	93	290304	16.051	ng/u1	99
12) 2-Chlorophenol	7.458	128	299596	16.199	ng/u1	98
13) 2-Methylphenol	8.340	108	312212	17.434	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	305776	17.149	ng/u1	100
16) Acetophenone	8.722	105	530278	19.199	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.711	70	237368	18.259	ng/u1	97
18) 4-Methylphenol	8.669	108	346793	17.576	ng/u1	99
19) Hexachloroethane	8.975	117	122817	17.805	ng/u1	93
22) Nitrobenzene	9.105	77	339827	17.717	ng/u1	98
23) Isophorone	9.634	82	697380	17.923	ng/u1	99
25) 2-Nitrophenol	9.816	139	207542	19.044	ng/u1	98
26) 2,4-Dimethylphenol	9.875	107	368646	18.007	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	458433	18.262	ng/u1	99
29) 2,4-Dichlorophenol	10.352	162	356304	19.484	ng/u1	97
30) Naphthalene	10.752	128	1164739	18.520	ng/u1	100
32) 4-Chloroaniline	10.869	127	520405	18.906	ng/u1	99
33) Hexachlorobutadiene	11.040	225	222176	20.526	ng/u1	97
34) Caprolactam	11.652	113	119585	18.477	ng/u1	99
35) 4-Chloro-3-methylphenol	11.987	107	357506	18.438	ng/u1	97
36) 2-Methylnaphthalene	12.363	142	857850	19.532	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	823486	18.686	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.728	216	468825	19.732	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	276417	20.365	ng/ul	98
41) 2,4,6-Trichlorophenol	12.969	196	308635	19.406	ng/ul	96
42) 2,4,5-Trichlorophenol	13.040	196	337344	19.472	ng/ul	99
43) 1,1'-Biphenyl	13.375	154	1162548	19.184	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	887224	18.519	ng/ul	99
45) 2-Nitroaniline	13.622	65	202622	17.326	ng/ul	94
47) Dimethylphthalate	13.998	163	1149779	18.726	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	243648	20.362	ng/ul	98
50) Acenaphthylene	14.263	152	1403895	18.926	ng/ul	99
51) 3-Nitroaniline	14.445	138	263005	18.963	ng/ul	95
52) Acenaphthene	14.604	153	959122	18.327	ng/ul	100
53) 2,4-Dinitrophenol	14.651	184	134839	16.621	ng/ul	94
55) 4-Nitrophenol	14.751	109	142813	17.438	ng/ul	92
56) Dibenzofuran	14.940	168	1380776	19.263	ng/ul	97
57) 2,4-Dinitrotoluene	14.904	165	329428	18.834	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.163	232	304386	20.225	ng/ul	94
59) Diethylphthalate	15.363	149	1125972	18.305	ng/ul	99
61) Fluorene	15.592	166	1122431	19.118	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.587	204	565028	19.441	ng/ul	97
63) 4-Nitroaniline	15.610	138	274158	20.715	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.669	198	206898	17.786	ng/ul	96
67) N-Nitrosodiphenylamine	15.798	169	986806	18.440	ng/ul	98
68) 4-Bromophenyl-phenylether	16.481	248	363103	19.678	ng/ul	98
69) Hexachlorobenzene	16.598	284	434594	20.696	ng/ul	92
70) Atrazine	16.757	200	361354	18.714	ng/ul	99
71) Pentachlorophenol	16.945	266	266454	19.293	ng/ul	99
72) Phenanthrene	17.339	178	1808711	18.142	ng/ul	100
74) Anthracene	17.428	178	1843295	18.376	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	468750	18.720	ng/ul	98
76) Pentachlorobenzene	14.857	250	486998	18.201	ng/ul	99
77) Carbazole	17.704	167	1712272	18.892	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1961900	17.676	ng/ul	99
80) Fluoranthene	19.304	202	2196320	17.648	ng/ul	96
82) Pyrene	19.657	202	2279817	17.595	ng/ul	96
83) Butylbenzylphthalate	20.528	149	940201	16.789	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.298	252	1010064	21.851	ng/ul	99
85) Benzo(a)anthracene	21.363	228	2403821	18.307	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	1414001	16.763	ng/ul#	98
87) Chrysene	21.422	228	2274114	18.455	ng/ul	98
89) Di-n-octyl phthalate	22.222	149	2370344	16.337	ng/ul	100
90) Benzo(b)fluoranthene	23.069	252	2630323	18.122	ng/ul	98
91) Benzo(k)fluoranthene	23.122	252	2649377	18.955	ng/ul	97
93) Benzo(a)pyrene	23.710	252	2389491	18.447	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.357	276	3246824	19.693	ng/ul	96
95) Dibenzo(a,h)anthracene	26.374	278	2845361	19.427	ng/ul#	96
96) Benzo(g,h,i)perylene	27.133	276	2776977	18.998	ng/ul	95

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

