

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081023\
 Data File : BP016550.D
 Acq On : 10 Aug 2023 15:59
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020679

Quant Time: Aug 11 03:41:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 11 03:00:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	443925	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	1950016	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	1215889	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.481	188	2676444	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	2496860	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	2760906	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	94682	8.286	ng/uL	0.00
4) Pyridine-d5	3.834	84	671211	21.081	ng/u1	0.00
7) Phenol-d5	7.199	99	781334	21.173	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	494014	21.762	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	618930	21.605	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	642691	21.737	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	305279	21.848	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	298167	21.996	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	591436	21.681	ng/u1	0.00
31) 4-Chloroaniline-d4	11.046	131	917120	21.903	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	1842591	21.128	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	2176419	21.723	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	367955	21.521	ng/u1	0.00
60) Fluorene-d10	15.704	176	1585621	21.311	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	255681	20.156	ng/u1	0.00
73) Anthracene-d10	17.581	188	2481963	21.545	ng/u1	0.00
81) Pyrene-d10	19.810	212	2936657	21.361	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	2831796	21.378	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	99088	8.272	ng/uL	98
5) Pyridine	3.852	79	693779	21.244	ng/u1	99
6) Benzaldehyde	7.216	77	495424	25.881	ng/u1	95
8) Phenol	7.228	94	824972	21.283	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.493	93	679164	21.450	ng/u1	99
12) 2-Chlorophenol	7.610	128	636963	21.399	ng/u1	97
13) 2-Methylphenol	8.499	108	619271	21.335	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.575	45	865937	22.166	ng/u1	99
16) Acetophenone	8.910	105	1033576	22.572	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.881	70	525221	22.607	ng/u1	98
18) 4-Methylphenol	8.828	108	680218	21.631	ng/u1	98
19) Hexachloroethane	9.140	117	257875	21.013	ng/u1	100
22) Nitrobenzene	9.304	77	771208	21.697	ng/u1	100
23) Isophorone	9.816	82	1448274	21.741	ng/u1	100
25) 2-Nitrophenol	10.010	139	348031	22.253	ng/u1	99
26) 2,4-Dimethylphenol	10.046	107	731276	21.705	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.304	93	929415	21.171	ng/u1	100
29) 2,4-Dichlorophenol	10.528	162	600874	21.583	ng/u1	99
30) Naphthalene	10.946	128	2128816	21.216	ng/u1	99
32) 4-Chloroaniline	11.075	127	906235	22.011	ng/u1	99
33) Hexachlorobutadiene	11.181	225	369843	21.107	ng/u1	99
34) Caprolactam	11.881	113	204004	21.329	ng/u1	98
35) 4-Chloro-3-methylphenol	12.163	107	675369	22.292	ng/u1	99
36) 2-Methylnaphthalene	12.545	142	1440701	21.517	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	1462741	21.753	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.893	216	728554	20.506	ng/ul	98
40) Hexachlorocyclopentadiene	12.845	237	428395	19.761	ng/ul	99
41) 2,4,6-Trichlorophenol	13.140	196	470665	21.517	ng/ul	98
42) 2,4,5-Trichlorophenol	13.204	196	509351	21.334	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	1891554	20.989	ng/ul	100
44) 2-Chloronaphthalene	13.598	162	1490786	21.037	ng/ul	99
45) 2-Nitroaniline	13.822	65	418237	22.340	ng/ul	98
47) Dimethylphthalate	14.169	163	1866132	21.137	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	354693	21.866	ng/ul	96
50) Acenaphthylene	14.440	152	2486931	21.473	ng/ul	100
51) 3-Nitroaniline	14.645	138	385826	22.559	ng/ul	98
52) Acenaphthene	14.775	153	1599525	20.897	ng/ul	100
53) 2,4-Dinitrophenol	14.839	184	160802	18.439	ng/ul	97
55) 4-Nitrophenol	14.922	109	279519	22.188	ng/ul	97
56) Dibenzofuran	15.110	168	2222998	21.189	ng/ul	99
57) 2,4-Dinitrotoluene	15.087	165	525774	22.390	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.322	232	430127	21.791	ng/ul	98
59) Diethylphthalate	15.528	149	1873363	21.428	ng/ul	99
61) Fluorene	15.763	166	1804793	21.315	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	873901	21.031	ng/ul	100
63) 4-Nitroaniline	15.810	138	375143	24.273	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.839	198	292682	20.972	ng/ul	98
67) N-Nitrosodiphenylamine	15.975	169	1540381	21.165	ng/ul	100
68) 4-Bromophenyl-phenylether	16.657	248	543968	21.016	ng/ul	99
69) Hexachlorobenzene	16.739	284	635736	20.903	ng/ul	98
70) Atrazine	16.928	200	559735	21.753	ng/ul	99
71) Pentachlorophenol	17.098	266	381961	20.619	ng/ul	99
72) Phenanthrene	17.522	178	2923214	21.155	ng/ul	100
74) Anthracene	17.616	178	2973602	21.566	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	771351	20.600	ng/ul	99
76) Pentachlorobenzene	15.004	250	697623	20.722	ng/ul	99
77) Carbazole	17.892	167	2729118	22.846	ng/ul	99
78) Di-n-butylphthalate	18.404	149	3281769	22.425	ng/ul	99
80) Fluoranthene	19.480	202	3435367	21.053	ng/ul	99
82) Pyrene	19.839	202	3582015	21.097	ng/ul	100
83) Butylbenzylphthalate	20.692	149	1462939	22.074	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.492	252	1182020	21.808	ng/ul	99
85) Benzo(a)anthracene	21.557	228	3549854	21.236	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.439	149	2080990	22.163	ng/ul	100
87) Chrysene	21.616	228	3296296	21.299	ng/ul	100
89) Di-n-octyl phthalate	22.427	149	3561864	23.257	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	3427039	21.016	ng/ul	100
91) Benzo(k)fluoranthene	23.410	252	3458670	21.095	ng/ul	100
93) Benzo(a)pyrene	24.045	252	3256727	21.318	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.915	276	3730665	21.043	ng/ul	99
95) Dibenzo(a,h)anthracene	26.945	278	3118781	21.119	ng/ul	99
96) Benzo(g,h,i)perylene	27.780	276	2918005	20.873	ng/ul	99

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

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