

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
 Data File : BP015057.D
 Acq On : 10 May 2023 23:19
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020707

Quant Time: May 11 01:01:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 15:17:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	395848	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	1466819	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.792	164	925822	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.545	188	1588980	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	1074694	20.000	ng/u1	0.00
88) Perylene-d12	24.210	264	1378870	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	82808	7.778	ng/uL	0.00
4) Pyridine-d5	3.893	84	587868	20.202	ng/u1	0.00
7) Phenol-d5	7.305	99	738613	21.522	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.469	67	439684	20.728	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	587511	23.282	ng/u1	0.00
15) 4-Methylphenol-d8	8.869	113	584462	22.099	ng/u1	0.01
21) Nitrobenzene-d5	9.328	128	285292	27.347	ng/u1	0.00
24) 2-Nitrophenol-d4	10.057	143	317200	29.611	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.599	165	561534	26.697	ng/u1	0.00
31) 4-Chloroaniline-d4	11.122	131	654324	21.507	ng/u1	0.00
46) Dimethylphthalate-d6	14.192	166	1496519	22.839	ng/u1	0.00
49) Acenaphthylene-d8	14.487	160	1771760	22.546	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	219482	19.254	ng/u1	0.01
60) Fluorene-d10	15.787	176	1203187	21.343	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.904	200	113086	12.642	ng/u1	0.00
73) Anthracene-d10	17.645	188	1560993	21.864	ng/u1	0.00
81) Pyrene-d10	19.863	212	1541212	21.263	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1494537	22.245	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.487	88	88792	7.698	ng/uL	96
5) Pyridine	3.911	79	594622	19.628	ng/u1	98
6) Benzaldehyde	7.281	77	363946	38.787	ng/u1	99
8) Phenol	7.328	94	762458	21.161	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.563	93	610725	20.393	ng/u1	98
12) 2-Chlorophenol	7.710	128	595699	21.791	ng/u1	99
13) 2-Methylphenol	8.599	108	578025	21.515	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.687	45	761897	20.057	ng/u1	99
16) Acetophenone	8.987	105	911078	21.069	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.969	70	456043	20.693	ng/u1	99
18) 4-Methylphenol	8.928	108	623688	20.999	ng/u1	96
19) Hexachloroethane	9.246	117	242579	20.452	ng/u1	95
22) Nitrobenzene	9.369	77	680932	24.842	ng/u1	97
23) Isophorone	9.904	82	1299077	23.980	ng/u1	100
25) 2-Nitrophenol	10.087	139	332085	26.955	ng/u1	98
26) 2,4-Dimethylphenol	10.146	107	669058	25.024	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.381	93	809942	23.387	ng/u1	100
29) 2,4-Dichlorophenol	10.628	162	554877	25.504	ng/u1	98
30) Naphthalene	11.034	128	1665583	20.657	ng/u1	99
32) 4-Chloroaniline	11.146	127	663411	20.896	ng/u1	98
33) Hexachlorobutadiene	11.316	225	309739	22.064	ng/u1	100
34) Caprolactam	11.922	113	146096	21.798	ng/u1	100
35) 4-Chloro-3-methylphenol	12.257	107	539646	24.129	ng/u1	99
36) 2-Methylnaphthalene	12.634	142	1218235	24.433	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.851	142	1212240	23.586	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.998	216	643345	22.277	ng/ul	99
40) Hexachlorocyclopentadiene	12.969	237	261795	13.444	ng/ul	99
41) 2,4,6-Trichlorophenol	13.234	196	411513	23.125	ng/ul	99
42) 2,4,5-Trichlorophenol	13.304	196	442491	23.072	ng/ul	99
43) 1,1'-Biphenyl	13.628	154	1604689	21.680	ng/ul	99
44) 2-Chloronaphthalene	13.675	162	1252759	21.728	ng/ul	99
45) 2-Nitroaniline	13.875	65	335072	24.956	ng/ul	99
47) Dimethylphthalate	14.240	163	1480673	21.490	ng/ul	99
48) 2,6-Dinitrotoluene	14.369	165	290604	23.868	ng/ul	95
50) Acenaphthylene	14.516	152	1901374	21.341	ng/ul	100
51) 3-Nitroaniline	14.698	138	306446	27.817	ng/ul	96
52) Acenaphthene	14.857	153	1283987	20.826	ng/ul	99
53) 2,4-Dinitrophenol	14.904	184	50704	6.842	ng/ul	94
55) 4-Nitrophenol	14.998	109	165988	19.130	ng/ul	96
56) Dibenzofuran	15.192	168	1733543	20.838	ng/ul	99
57) 2,4-Dinitrotoluene	15.151	165	377258	22.122	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.416	232	314690	20.161	ng/ul	97
59) Diethylphthalate	15.598	149	1424060	21.874	ng/ul	99
61) Fluorene	15.839	166	1349173	20.559	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.828	204	678843	21.139	ng/ul	98
63) 4-Nitroaniline	15.857	138	275491	29.961	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.922	198	112088	11.814	ng/ul	96
67) N-Nitrosodiphenylamine	16.039	169	1127148	23.372	ng/ul	100
68) 4-Bromophenyl-phenylether	16.728	248	397813	24.066	ng/ul	96
69) Hexachlorobenzene	16.851	284	429448	22.056	ng/ul	95
70) Atrazine	16.992	200	362058	22.310	ng/ul	98
71) Pentachlorophenol	17.192	266	241256	21.226	ng/ul	98
72) Phenanthrene	17.592	178	1836322	20.918	ng/ul	100
74) Anthracene	17.681	178	1855146	21.226	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.598	216	644934	24.519	ng/ul	97
76) Pentachlorobenzene	15.110	250	584677	23.364	ng/ul	99
77) Carbazole	17.945	167	1570229	21.361	ng/ul	100
78) Di-n-butylphthalate	18.475	149	2086920	25.388	ng/ul	100
80) Fluoranthene	19.539	202	1806818	20.315	ng/ul	98
82) Pyrene	19.892	202	1889579	20.053	ng/ul	98
83) Butylbenzylphthalate	20.745	149	776387	27.442	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.533	252	494007	27.311	ng/ul	98
85) Benzo(a)anthracene	21.610	228	1563063	21.790	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.504	149	921345	25.882	ng/ul#	99
87) Chrysene	21.669	228	1508064	20.879	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	1652375	20.524	ng/ul	100
90) Benzo(b)fluoranthene	23.416	252	1775915	19.929	ng/ul	99
91) Benzo(k)fluoranthene	23.468	252	1762072	19.429	ng/ul	100
93) Benzo(a)pyrene	24.098	252	1609411	20.593	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.956	276	2151077	22.564	ng/ul	97
95) Dibenzo(a,h)anthracene	26.974	278	1785784	22.855	ng/ul	99
96) Benzo(g,h,i)perylene	27.804	276	1790940	22.073	ng/ul	98

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

