

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP051923.D
 Acq On : 19 May 2023 15:55
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020721

Quant Time: May 19 22:12:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	254617	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1278088	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	808273	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1770305	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1633001	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1680010	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	60989	9.307	ng/uL	0.00
4) Pyridine-d5	3.870	84	365812	19.693	ng/u1	0.00
7) Phenol-d5	7.275	99	491421	20.787	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	293271	21.479	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	365634	21.035	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	403040	21.395	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	190797	18.998	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	221685	19.838	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	443702	22.004	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	665039	22.290	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1323772	21.674	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1517605	21.725	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	250143	21.091	ng/u1	0.00
60) Fluorene-d10	15.757	176	1137725	22.075	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	208209	18.662	ng/u1	0.00
73) Anthracene-d10	17.616	188	1773509	21.878	ng/u1	0.00
81) Pyrene-d10	19.833	212	2006297	21.183	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1789435	21.457	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	66157	9.395	ng/uL	98
5) Pyridine	3.887	79	384111	19.882	ng/u1	95
6) Benzaldehyde	7.258	77	130572	20.095	ng/u1	98
8) Phenol	7.305	94	504374	20.806	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.540	93	415927	21.445	ng/u1	98
12) 2-Chlorophenol	7.681	128	387495	21.076	ng/u1	97
13) 2-Methylphenol	8.569	108	398192	21.253	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.658	45	545085	22.432	ng/u1	98
16) Acetophenone	8.958	105	643896	21.901	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.940	70	331234	21.482	ng/u1	98
18) 4-Methylphenol	8.899	108	443322	21.498	ng/u1	99
19) Hexachloroethane	9.216	117	161404	21.500	ng/u1	97
22) Nitrobenzene	9.346	77	488243	19.684	ng/u1	99
23) Isophorone	9.875	82	985442	19.328	ng/u1	99
25) 2-Nitrophenol	10.063	139	241377	19.698	ng/u1	98
26) 2,4-Dimethylphenol	10.116	107	491924	20.117	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.357	93	665861	21.465	ng/u1	97
29) 2,4-Dichlorophenol	10.599	162	443877	21.792	ng/u1	98
30) Naphthalene	11.004	128	1507295	21.692	ng/u1	100
32) 4-Chloroaniline	11.116	127	696029	22.698	ng/u1	100
33) Hexachlorobutadiene	11.287	225	263254	21.444	ng/u1	99
34) Caprolactam	11.887	113	156383	20.364	ng/u1	86
35) 4-Chloro-3-methylphenol	12.222	107	506759	22.034	ng/u1	99
36) 2-Methylnaphthalene	12.604	142	1017760	21.739	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	1027987	21.865	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	534129	22.095	ng/ul	98
40) Hexachlorocyclopentadiene	12.940	237	266280	17.001	ng/ul	98
41) 2,4,6-Trichlorophenol	13.204	196	368608	21.594	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	404837	21.874	ng/ul	98
43) 1,1'-Biphenyl	13.598	154	1390488	22.173	ng/ul	98
44) 2-Chloronaphthalene	13.646	162	1088297	22.222	ng/ul	99
45) 2-Nitroaniline	13.845	65	322316	23.001	ng/ul	90
47) Dimethylphthalate	14.216	163	1369116	21.524	ng/ul	100
48) 2,6-Dinitrotoluene	14.340	165	272902	21.656	ng/ul	100
50) Acenaphthylene	14.487	152	1725944	22.144	ng/ul	99
51) 3-Nitroaniline	14.669	138	224406	19.776	ng/ul	96
52) Acenaphthene	14.828	153	1174822	22.069	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	152124	18.181	ng/ul	94
55) 4-Nitrophenol	14.969	109	198576	22.764	ng/ul	97
56) Dibenzofuran	15.163	168	1627602	21.982	ng/ul	99
57) 2,4-Dinitrotoluene	15.122	165	397470	21.797	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.387	232	339740	21.750	ng/ul	97
59) Diethylphthalate	15.575	149	1379755	21.748	ng/ul	100
61) Fluorene	15.810	166	1332299	22.390	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.798	204	639464	21.994	ng/ul	100
63) 4-Nitroaniline	15.828	138	203989	20.817	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.887	198	220426	19.144	ng/ul	99
67) N-Nitrosodiphenylamine	16.016	169	1140852	21.917	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	397054	21.775	ng/ul	99
69) Hexachlorobenzene	16.816	284	465468	21.601	ng/ul	97
70) Atrazine	16.963	200	416574	21.651	ng/ul	99
71) Pentachlorophenol	17.163	266	277966	20.622	ng/ul	98
72) Phenanthrene	17.557	178	2124130	22.035	ng/ul	100
74) Anthracene	17.651	178	2160253	22.161	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	547553	21.815	ng/ul	99
76) Pentachlorobenzene	15.081	250	555053	22.024	ng/ul	99
77) Carbazole	17.916	167	1965660	22.996	ng/ul	99
78) Di-n-butylphthalate	18.445	149	2402544	21.826	ng/ul	100
80) Fluoranthene	19.510	202	2467209	21.373	ng/ul	100
82) Pyrene	19.863	202	2563167	21.501	ng/ul	99
83) Butylbenzylphthalate	20.716	149	1126844	21.322	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.498	252	738586	20.594	ng/ul	99
85) Benzo(a)anthracene	21.575	228	2447471	21.676	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	1640457	21.561	ng/ul	99
87) Chrysene	21.633	228	2331426	21.600	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	2803214	24.363	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	2379839	22.345	ng/ul	100
91) Benzo(k)fluoranthene	23.410	252	2357924	23.057	ng/ul	100
93) Benzo(a)pyrene	24.033	252	2021498	21.474	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.857	276	2277416	18.684	ng/ul	99
95) Dibenzo(a,h)anthracene	26.874	278	1884570	18.835	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	1791554	18.024	ng/ul	99

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

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