

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
 Data File : BP013543.D
 Acq On : 19 Jan 2023 03:20
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020748

Quant Time: Jan 19 04:32:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 18 01:06:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	613677	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	2614695	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	1603574	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	3126678	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	2555873	20.000	ng/u1	0.00
88) Perylene-d12	23.839	264	3271384	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	110286	6.986	ng/uL	0.00
4) Pyridine-d5	3.717	84	813131	18.465	ng/u1	0.00
7) Phenol-d5	7.058	99	995893	19.557	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	611708	19.041	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	794302	20.916	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	801604	20.662	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	389757	20.935	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	451757	22.167	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	840351	20.691	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	1069737	18.696	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	2192618	18.767	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	2653738	20.520	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	369750	17.290	ng/u1	0.00
60) Fluorene-d10	15.539	176	1882974	18.247	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	364677	18.394	ng/u1	0.00
73) Anthracene-d10	17.398	188	2705232	19.575	ng/u1	-0.01
81) Pyrene-d10	19.633	212	2842236	20.439	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.680	264	3034899	18.886	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	115948	6.669	ng/uL	97
5) Pyridine	3.740	79	821465	18.448	ng/u1	97
6) Benzaldehyde	7.034	77	407635	20.988	ng/u1	94
8) Phenol	7.087	94	1014422	19.256	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.316	93	809523	19.432	ng/u1	100
12) 2-Chlorophenol	7.458	128	806880	20.396	ng/u1	95
13) 2-Methylphenol	8.340	108	770601	20.368	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	1247535	19.407	ng/u1	99
16) Acetophenone	8.728	105	1262981	20.627	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.710	70	652179	22.278	ng/u1	97
18) 4-Methylphenol	8.669	108	844505	20.307	ng/u1	98
19) Hexachloroethane	8.975	117	320426	20.102	ng/u1	98
22) Nitrobenzene	9.110	77	948315	19.515	ng/u1	96
23) Isophorone	9.634	82	1774060	20.861	ng/u1	100
25) 2-Nitrophenol	9.822	139	481279	21.720	ng/u1	97
26) 2,4-Dimethylphenol	9.881	107	920762	19.919	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.116	93	1096920	19.519	ng/u1	99
29) 2,4-Dichlorophenol	10.352	162	817618	20.122	ng/u1	99
30) Naphthalene	10.757	128	2632970	18.929	ng/u1	99
32) 4-Chloroaniline	10.875	127	1071761	18.630	ng/u1	99
33) Hexachlorobutadiene	11.034	225	564328	19.340	ng/u1	99
34) Caprolactam	11.657	113	229626	18.995	ng/u1	92
35) 4-Chloro-3-methylphenol	11.993	107	811419	20.691	ng/u1	99
36) 2-Methylnaphthalene	12.363	142	1759324	19.778	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	1794553	19.449	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.734	216	1061340	19.306	ng/ul	99
40) Hexachlorocyclopentadiene	12.704	237	590210	17.845	ng/ul	98
41) 2,4,6-Trichlorophenol	12.975	196	670978	20.748	ng/ul	99
42) 2,4,5-Trichlorophenol	13.046	196	720674	20.478	ng/ul	99
43) 1,1'-Biphenyl	13.375	154	2366067	19.435	ng/ul	100
44) 2-Chloronaphthalene	13.422	162	1892693	19.266	ng/ul	99
45) 2-Nitroaniline	13.628	65	506508	21.305	ng/ul	97
47) Dimethylphthalate	13.998	163	2176010	18.642	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	430459	21.296	ng/ul	98
50) Acenaphthylene	14.263	152	2836708	19.904	ng/ul	99
51) 3-Nitroaniline	14.457	138	386690	18.062	ng/ul	94
52) Acenaphthene	14.610	153	1927013	18.891	ng/ul	99
53) 2,4-Dinitrophenol	14.663	184	241831	16.073	ng/ul	97
55) 4-Nitrophenol	14.763	109	283498	17.441	ng/ul	96
56) Dibenzofuran	14.945	168	2691167	18.369	ng/ul	100
57) 2,4-Dinitrotoluene	14.916	165	603576	20.089	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.169	232	591791	19.276	ng/ul	98
59) Diethylphthalate	15.363	149	2007621	18.376	ng/ul	99
61) Fluorene	15.592	166	2149692	18.382	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.587	204	1123608	18.399	ng/ul	97
63) 4-Nitroaniline	15.616	138	333407	16.843	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.681	198	363707	18.586	ng/ul#	97
67) N-Nitrosodiphenylamine	15.804	169	1768352	20.912	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	677984	20.934	ng/ul	95
69) Hexachlorobenzene	16.598	284	778096	19.925	ng/ul	99
70) Atrazine	16.757	200	607897	18.805	ng/ul	99
71) Pentachlorophenol	16.951	266	437689	18.830	ng/ul	98
72) Phenanthrene	17.345	178	3111164	18.717	ng/ul	100
74) Anthracene	17.433	178	3155368	19.217	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.340	216	1040610	22.039	ng/uL	99
76) Pentachlorobenzene	14.863	250	981508	21.350	ng/uL	98
77) Carbazole	17.710	167	2663327	18.727	ng/ul	100
78) Di-n-butylphthalate	18.251	149	2798926	20.067	ng/ul	99
80) Fluoranthene	19.310	202	3312847	20.815	ng/ul	98
82) Pyrene	19.663	202	3427240	20.323	ng/ul	98
83) Butylbenzylphthalate	20.527	149	1128915	22.061	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.304	252	1045677	22.200	ng/ul	98
85) Benzo(a)anthracene	21.374	228	3282984	19.396	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1778269	24.947	ng/ul	100
87) Chrysene	21.427	228	3099358	18.787	ng/ul	100
89) Di-n-octyl phthalate	22.227	149	2741079	19.549	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	3708124	17.923	ng/ul	99
91) Benzo(k)fluoranthene	23.139	252	3549141	17.978	ng/ul	100
93) Benzo(a)pyrene	23.733	252	3378647	18.600	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.398	276	4911556	19.514	ng/ul	99
95) Dibenzo(a,h)anthracene	26.415	278	4044973	19.265	ng/ul	99
96) Benzo(g,h,i)perylene	27.186	276	4031825	19.476	ng/ul	100

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

