

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061323\
 Data File : BP015503.D
 Acq On : 13 Jun 2023 19:32
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020748

Quant Time: Jun 14 01:01:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 09 23:33:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	149763	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	684270	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.733	164	466012	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	1100774	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	1092040	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	1152968	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	34146	8.443	ng/uL	0.00
4) Pyridine-d5	3.846	84	226769	21.586	ng/u1	0.00
7) Phenol-d5	7.245	99	269421	19.527	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	167522	20.331	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	203417	20.335	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	222219	19.625	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	110097	20.494	ng/u1	0.00
24) 2-Nitrophenol-d4	9.998	143	125731	20.494	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.539	165	234558	20.959	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	328848	20.471	ng/u1	0.00
46) Dimethylphthalate-d6	14.139	166	749842	20.405	ng/u1	0.00
49) Acenaphthylene-d8	14.427	160	826786	20.576	ng/u1	0.00
54) 4-Nitrophenol-d4	14.933	143	115776	17.593	ng/u1	0.00
60) Fluorene-d10	15.727	176	637826	20.583	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	126509	18.141	ng/u1	0.00
73) Anthracene-d10	17.592	188	1028307	20.532	ng/u1	0.00
81) Pyrene-d10	19.810	212	1260916	21.573	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.950	264	1178823	20.377	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	36447	8.532	ng/uL	94
5) Pyridine	3.869	79	228657	20.995	ng/u1	98
6) Benzaldehyde	7.228	77	90796	17.217	ng/u1	98
8) Phenol	7.275	94	279238	19.618	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.504	93	222830	19.800	ng/u1	99
12) 2-Chlorophenol	7.651	128	213155	20.168	ng/u1	98
13) 2-Methylphenol	8.540	108	218578	19.958	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.622	45	308555	20.689	ng/u1	97
16) Acetophenone	8.928	105	376805	20.851	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.904	70	200193	20.525	ng/u1	97
18) 4-Methylphenol	8.869	108	241575	20.048	ng/u1	100
19) Hexachloroethane	9.181	117	91759	20.545	ng/u1	96
22) Nitrobenzene	9.310	77	297447	20.878	ng/u1	100
23) Isophorone	9.839	82	570562	20.006	ng/u1	99
25) 2-Nitrophenol	10.028	139	136084	20.544	ng/u1	99
26) 2,4-Dimethylphenol	10.081	107	285582	20.330	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.322	93	335018	20.205	ng/u1	98
29) 2,4-Dichlorophenol	10.563	162	229752	20.648	ng/u1	95
30) Naphthalene	10.969	128	755594	20.378	ng/u1	99
32) 4-Chloroaniline	11.086	127	339604	20.432	ng/u1	99
33) Hexachlorobutadiene	11.245	225	157516	20.991	ng/u1	98
34) Caprolactam	11.863	113	78528	18.748	ng/u1	98
35) 4-Chloro-3-methylphenol	12.198	107	279469	20.729	ng/u1	96
36) 2-Methylnaphthalene	12.569	142	532238	20.418	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.786	142	537012	20.461	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.933	216	304920	21.013	ng/ul	99
40) Hexachlorocyclopentadiene	12.904	237	134745	22.653	ng/ul	95
41) 2,4,6-Trichlorophenol	13.175	196	202437	20.960	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	224854	21.364	ng/ul	99
43) 1,1'-Biphenyl	13.569	154	742668	20.608	ng/ul	100
44) 2-Chloronaphthalene	13.616	162	583812	20.648	ng/ul	98
45) 2-Nitroaniline	13.822	65	192589	21.282	ng/ul	96
47) Dimethylphthalate	14.186	163	769113	20.271	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	160499	20.647	ng/ul	99
50) Acenaphthylene	14.457	152	913084	20.520	ng/ul	100
51) 3-Nitroaniline	14.645	138	115177	17.949	ng/ul	94
52) Acenaphthene	14.798	153	635569	20.663	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	73818	15.786	ng/ul	96
55) 4-Nitrophenol	14.951	109	115310	18.166	ng/ul	98
56) Dibenzofuran	15.133	168	898792	20.616	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	234788	20.536	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.357	232	200499	21.099	ng/ul	100
59) Diethylphthalate	15.545	149	805834	20.723	ng/ul	100
61) Fluorene	15.780	166	733989	20.653	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.769	204	372802	20.814	ng/ul	98
63) 4-Nitroaniline	15.810	138	101728	16.713	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.869	198	132752	18.665	ng/ul	92
67) N-Nitrosodiphenylamine	15.986	169	635058	20.336	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	241023	20.466	ng/ul	97
69) Hexachlorobenzene	16.792	284	284662	20.492	ng/ul	97
70) Atrazine	16.939	200	256557	20.573	ng/ul	98
71) Pentachlorophenol	17.139	266	162385	20.682	ng/ul	99
72) Phenanthrene	17.533	178	1215314	20.573	ng/ul	99
74) Anthracene	17.627	178	1233390	20.578	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.539	216	311357	20.495	ng/uL	99
76) Pentachlorobenzene	15.051	250	329670	20.726	ng/uL	98
77) Carbazole	17.892	167	1106558	20.504	ng/ul	99
78) Di-n-butylphthalate	18.421	149	1457539	21.286	ng/ul	99
80) Fluoranthene	19.486	202	1553644	21.822	ng/ul	99
82) Pyrene	19.839	202	1601968	21.749	ng/ul	100
83) Butylbenzylphthalate	20.692	149	729757	22.416	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.480	252	484848	18.793	ng/ul	99
85) Benzo(a)anthracene	21.556	228	1576625	20.652	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	1102872	22.919	ng/ul	99
87) Chrysene	21.609	228	1494396	20.710	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	1895452	25.014	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1624368	21.826	ng/ul	100
91) Benzo(k)fluoranthene	23.386	252	1476530	20.524	ng/ul	99
93) Benzo(a)pyrene	24.003	252	1323568	20.398	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.815	276	1541504	18.357	ng/ul	99
95) Dibenzo(a,h)anthracene	26.833	278	1272368	18.598	ng/ul	100
96) Benzo(g,h,i)perylene	27.644	276	1241385	17.938	ng/ul	99

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

