

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
 Data File : BP013291.D
 Acq On : 24 Dec 2022 10:11
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020719

Quant Time: Dec 25 00:19:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 00:19:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	564237	20.000	ng/u1	0.00
20) Naphthalene-d8	10.758	136	2153338	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	1132572	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	2243783	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	2440922	20.000	ng/u1	0.00
88) Perylene-d12	23.922	264	2802930	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	107753	8.165	ng/uL	0.00
4) Pyridine-d5	3.758	84	777856	20.750	ng/u1	0.00
7) Phenol-d5	7.105	99	940214	20.458	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	586829	21.167	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	758440	20.964	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	714502	18.974	ng/u1	0.00
21) Nitrobenzene-d5	9.111	128	354401	22.400	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	396515	22.262	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	727593	21.031	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	883045	18.080	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	1733144	19.911	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	2038475	21.313	ng/u1	0.00
54) 4-Nitrophenol-d4	14.787	143	270419	17.271	ng/u1	0.00
60) Fluorene-d10	15.581	176	1430100	19.420	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	199849	13.841	ng/u1	0.00
73) Anthracene-d10	17.445	188	2126170	21.004	ng/u1	0.00
81) Pyrene-d10	19.681	212	2712589	19.361	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.763	264	2898258	20.745	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	114152	8.286	ng/uL	95
5) Pyridine	3.776	79	788396	21.161	ng/u1	93
6) Benzaldehyde	7.075	77	370439	20.585	ng/u1	97
8) Phenol	7.134	94	955069	20.553	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.364	93	772750	20.261	ng/u1	97
12) 2-Chlorophenol	7.505	128	771686	20.800	ng/u1	97
13) 2-Methylphenol	8.387	108	704440	19.445	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.464	45	1132607	21.641	ng/u1	97
16) Acetophenone	8.769	105	1134170	19.643	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.752	70	564040	19.426	ng/u1	93
18) 4-Methylphenol	8.716	108	763088	19.017	ng/u1	97
19) Hexachloroethane	9.022	117	299241	20.184	ng/u1	93
22) Nitrobenzene	9.152	77	851974	22.948	ng/u1	97
23) Isophorone	9.681	82	1501380	20.000	ng/u1	98
25) 2-Nitrophenol	9.869	139	419017	21.712	ng/u1	96
26) 2,4-Dimethylphenol	9.928	107	798063	21.194	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.163	93	976418	20.342	ng/u1	100
29) 2,4-Dichlorophenol	10.405	162	709486	20.935	ng/u1	99
30) Naphthalene	10.805	128	2360698	20.962	ng/u1	100
32) 4-Chloroaniline	10.916	127	892885	18.474	ng/u1	99
33) Hexachlorobutadiene	11.087	225	520332	22.362	ng/u1	98
34) Caprolactam	11.705	113	172071	14.891	ng/u1	94
35) 4-Chloro-3-methylphenol	12.040	107	642411	18.575	ng/u1	99
36) 2-Methylnaphthalene	12.410	142	1483372	19.200	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	1503503	18.923	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	890592	24.421	ng/ul	98
40) Hexachlorocyclopentadiene	12.752	237	212019	8.934	ng/ul	97
41) 2,4,6-Trichlorophenol	13.022	196	530351	22.628	ng/ul	99
42) 2,4,5-Trichlorophenol	13.093	196	556069	22.088	ng/ul	100
43) 1,1'-Biphenyl	13.416	154	1934465	22.742	ng/ul	98
44) 2-Chloronaphthalene	13.463	162	1517512	22.668	ng/ul	99
45) 2-Nitroaniline	13.669	65	375046	23.106	ng/ul	92
47) Dimethylphthalate	14.040	163	1733005	20.088	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	320526	19.992	ng/ul	96
50) Acenaphthylene	14.310	152	2195569	21.352	ng/ul	100
51) 3-Nitroaniline	14.493	138	291413	19.249	ng/ul	93
52) Acenaphthene	14.651	153	1487563	20.876	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	108747	9.923	ng/ul	95
55) 4-Nitrophenol	14.804	109	206942	19.370	ng/ul	95
56) Dibenzofuran	14.987	168	2066587	20.398	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	440331	18.907	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.210	232	452098	19.678	ng/ul	99
59) Diethylphthalate	15.404	149	1545430	18.427	ng/ul	99
61) Fluorene	15.634	166	1630916	20.073	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.628	204	866580	20.168	ng/ul	99
63) 4-Nitroaniline	15.657	138	259176	19.455	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.716	198	199129	14.112	ng/ul#	94
67) N-Nitrosodiphenylamine	15.845	169	1333817	21.442	ng/ul	100
68) 4-Bromophenyl-phenylether	16.528	248	514882	21.130	ng/ul	99
69) Hexachlorobenzene	16.645	284	596981	20.633	ng/ul	99
70) Atrazine	16.798	200	470889	19.425	ng/ul	98
71) Pentachlorophenol	16.992	266	350603	20.009	ng/ul	98
72) Phenanthrene	17.387	178	2444682	20.918	ng/ul	100
74) Anthracene	17.481	178	2507631	21.489	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	849708	26.543	ng/ul	100
76) Pentachlorobenzene	14.904	250	764768	23.431	ng/ul	98
77) Carbazole	17.751	167	2216749	22.556	ng/ul	99
78) Di-n-butylphthalate	18.292	149	2271481	18.983	ng/ul	99
80) Fluoranthene	19.351	202	3072569	19.322	ng/ul	100
82) Pyrene	19.710	202	3259593	19.871	ng/ul	98
83) Butylbenzylphthalate	20.575	149	1152934	18.193	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.351	252	1007165	18.265	ng/ul	100
85) Benzo(a)anthracene	21.422	228	3452419	21.306	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.328	149	1679596	18.789	ng/ul	99
87) Chrysene	21.475	228	3218570	21.004	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	3080817	19.620	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	3693456	20.664	ng/ul	100
91) Benzo(k)fluoranthene	23.210	252	3481641	19.644	ng/ul	99
93) Benzo(a)pyrene	23.810	252	3222639	20.707	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.521	276	4297138	22.167	ng/ul	98
95) Dibenzo(a,h)anthracene	26.539	278	3556091	22.156	ng/ul	100
96) Benzo(g,h,i)perylene	27.321	276	3504845	22.520	ng/ul	98

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

