

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051723\
 Data File : BP051723.D
 Acq On : 17 May 2023 16:59
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020715

Quant Time: May 18 01:16:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 18 01:09:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/18/2023
 Supervised By : Jagrut Upadhyay 05/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	370705	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1631521	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	1067622	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.522	188	2335831	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	2153362	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	2176674	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	73407	7.694	ng/uL	0.00
4) Pyridine-d5	3.869	84	551699	20.400	ng/u1	0.00
7) Phenol-d5	7.275	99	688836	20.013	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	418901	21.073	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	518998	20.508	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	541506	19.744	ng/u1	0.00
21) Nitrobenzene-d5	9.304	128	271448	21.173	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	297115	20.828	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	571702	22.210	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	850352	22.327	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	1712392	21.226	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	2008012	21.763	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	315301	20.127	ng/u1	0.00
60) Fluorene-d10	15.763	176	1489521	21.881	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	290225	19.716	ng/u1	0.00
73) Anthracene-d10	17.622	188	2333841	21.820	ng/u1	0.00
81) Pyrene-d10	19.839	212	2655532	21.263	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	2286219	21.158	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	78934	7.699	ng/uL	98
5) Pyridine	3.893	79	572564	20.356	ng/u1	99
6) Benzaldehyde	7.258	77	181921	19.230	ng/u1	99
8) Phenol	7.305	94	729056	20.657	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.540	93	587803	20.816	ng/u1	98
12) 2-Chlorophenol	7.687	128	561979	20.995	ng/u1	100
13) 2-Methylphenol	8.575	108	511524	18.752	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.657	45	704310	19.908	ng/u1	99
16) Acetophenone	8.963	105	905130	21.145	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.946	70	452042	20.136	ng/u1	98
18) 4-Methylphenol	8.905	108	601871	20.046	ng/u1	100
19) Hexachloroethane	9.222	117	224433	20.534	ng/u1	88
22) Nitrobenzene	9.352	77	674043	21.288	ng/u1	98
23) Isophorone	9.875	82	1320074	20.283	ng/u1	99
25) 2-Nitrophenol	10.063	139	334254	21.368	ng/u1	100
26) 2,4-Dimethylphenol	10.116	107	663584	21.258	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.357	93	840541	21.226	ng/u1	98
29) 2,4-Dichlorophenol	10.604	162	583835	22.454	ng/u1	99
30) Naphthalene	11.010	128	1905255	21.480	ng/u1	100
32) 4-Chloroaniline	11.122	127	888603	22.701	ng/u1	99
33) Hexachlorobutadiene	11.293	225	361669	23.079	ng/u1	96
34) Caprolactam	11.893	113	185857m	18.960	ng/u1	
35) 4-Chloro-3-methylphenol	12.228	107	625286	21.298	ng/u1	98
36) 2-Methylnaphthalene	12.610	142	1325865	22.185	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	1340646	22.338	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.969	216	734017	22.988	ng/ul	99
40) Hexachlorocyclopentadiene	12.945	237	400328	19.351	ng/ul	97
41) 2,4,6-Trichlorophenol	13.210	196	479467	21.265	ng/ul	95
42) 2,4,5-Trichlorophenol	13.281	196	531425	21.738	ng/ul	99
43) 1,1'-Biphenyl	13.604	154	1824020	22.020	ng/ul	99
44) 2-Chloronaphthalene	13.651	162	1427218	22.063	ng/ul	99
45) 2-Nitroaniline	13.851	65	383585	20.724	ng/ul	94
47) Dimethylphthalate	14.222	163	1801911	21.446	ng/ul	99
48) 2,6-Dinitrotoluene	14.345	165	348874	20.959	ng/ul	96
50) Acenaphthylene	14.492	152	2255999	21.913	ng/ul	100
51) 3-Nitroaniline	14.675	138	263435	17.576	ng/ul	98
52) Acenaphthene	14.834	153	1546311	21.991	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	182214	16.487	ng/ul	98
55) 4-Nitrophenol	14.975	109	244707	21.238	ng/ul	98
56) Dibenzofuran	15.169	168	2156066	22.045	ng/ul	98
57) 2,4-Dinitrotoluene	15.128	165	512106	21.261	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.392	232	460314	22.311	ng/ul	95
59) Diethylphthalate	15.581	149	1757823	20.977	ng/ul	99
61) Fluorene	15.816	166	1759094	22.381	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	874744	22.778	ng/ul	99
63) 4-Nitroaniline	15.834	138	229334	17.718	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.892	198	305801	20.128	ng/ul	96
67) N-Nitrosodiphenylamine	16.022	169	1494405	21.758	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	548131	22.782	ng/ul	96
69) Hexachlorobenzene	16.822	284	655810	23.066	ng/ul	97
70) Atrazine	16.969	200	540727	21.300	ng/ul	98
71) Pentachlorophenol	17.169	266	375502	21.114	ng/ul	95
72) Phenanthrene	17.569	178	2783233	21.882	ng/ul	100
74) Anthracene	17.657	178	2849958	22.158	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	747932	22.584	ng/ul	99
76) Pentachlorobenzene	15.087	250	769163	23.130	ng/ul	99
77) Carbazole	17.922	167	2476194	21.955	ng/ul	99
78) Di-n-butylphthalate	18.457	149	2955573	20.349	ng/ul	100
80) Fluoranthene	19.516	202	3217084	21.134	ng/ul	99
82) Pyrene	19.869	202	3363160	21.395	ng/ul	99
83) Butylbenzylphthalate	20.722	149	1287991	18.482	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.510	252	982992	20.785	ng/ul	96
85) Benzo(a)anthracene	21.586	228	3187442	21.407	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	1831485	18.255	ng/ul	99
87) Chrysene	21.639	228	3086823	21.687	ng/ul	99
89) Di-n-octyl phthalate	22.457	149	3055912	20.499	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	3165498	22.940	ng/ul	99
91) Benzo(k)fluoranthene	23.427	252	2954404	22.297	ng/ul	99
93) Benzo(a)pyrene	24.051	252	2609029	21.391	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.886	276	2926336	18.530	ng/ul	97
95) Dibenzo(a,h)anthracene	26.904	278	2469714	19.051	ng/ul	98
96) Benzo(g,h,i)perylene	27.721	276	2306285	17.909	ng/ul	97

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

