

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050923\
 Data File : BP015013.D
 Acq On : 09 May 2023 08:53
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020703

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2023
 Supervised By : Jagrut Upadhyay 05/10/2023

Quant Time: May 09 22:20:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	368989	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1685146	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.804	164	1039361	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	2177028	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1663736	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1408933	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	61217	6.169	ng/uL	0.00
4) Pyridine-d5	3.893	84	436108	16.078	ng/u1	0.00
7) Phenol-d5	7.305	99	555502	17.365	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.475	67	329929	16.686	ng/u1	0.00
11) 2-Chlorophenol-d4	7.681	132	415095	17.647	ng/u1	0.00
15) 4-Methylphenol-d8	8.869	113	439023	17.808	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	210775	17.587	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	230524	18.732	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.604	165	434865	17.996	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.128	131	625525	17.897	ng/u1	0.00
46) Dimethylphthalate-d6	14.204	166	1243490	16.904	ng/u1	0.00
49) Acenaphthylene-d8	14.498	160	1481617	16.794	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	226439	17.694	ng/u1	0.00
60) Fluorene-d10	15.798	176	1084785	17.141	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	185368	15.126	ng/u1	0.00
73) Anthracene-d10	17.663	188	1667494	17.047	ng/u1	0.00
81) Pyrene-d10	19.880	212	1778491	15.850	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	1136067	16.549	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	64980	6.044	ng/uL	99
5) Pyridine	3.917	79	451373	15.984	ng/u1	99
6) Benzaldehyde	7.287	77	182408	20.855	ng/u1	99
8) Phenol	7.334	94	575390	17.132	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.569	93	463088	16.588	ng/u1	99
12) 2-Chlorophenol	7.716	128	445425	17.480	ng/u1	100
13) 2-Methylphenol	8.605	108	441381	17.625	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.693	45	599091	16.919	ng/u1	99
16) Acetophenone	8.993	105	721522	17.900	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.975	70	364197	17.728	ng/u1	99
18) 4-Methylphenol	8.934	108	489364	17.676	ng/u1	100
19) Hexachloroethane	9.257	117	180189	16.298	ng/u1	98
22) Nitrobenzene	9.381	77	528905	16.796	ng/u1	96
23) Isophorone	9.910	82	1043311	16.764	ng/u1	100
25) 2-Nitrophenol	10.099	139	257892	18.221	ng/u1	98
26) 2,4-Dimethylphenol	10.152	107	525570	17.111	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.393	93	654040	16.438	ng/u1	99
29) 2,4-Dichlorophenol	10.634	162	443871	17.759	ng/u1	99
30) Naphthalene	11.046	128	1514988	16.355	ng/u1	100
32) 4-Chloroaniline	11.151	127	650098	17.824	ng/u1	100
33) Hexachlorobutadiene	11.328	225	260156	16.131	ng/u1	100
34) Caprolactam	11.922	113	134977m	17.530	ng/u1	
35) 4-Chloro-3-methylphenol	12.263	107	440592	17.148	ng/u1	97
36) 2-Methylnaphthalene	12.646	142	1004341	17.533	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.863	142	1015921	17.205	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.004	216	525169	16.199	ng/ul	98
40) Hexachlorocyclopentadiene	12.981	237	386013	17.658	ng/ul	100
41) 2,4,6-Trichlorophenol	13.240	196	349835	17.512	ng/ul	99
42) 2,4,5-Trichlorophenol	13.310	196	377334	17.525	ng/ul	96
43) 1,1'-Biphenyl	13.640	154	1355433	16.312	ng/ul	99
44) 2-Chloronaphthalene	13.687	162	1065651	16.464	ng/ul	100
45) 2-Nitroaniline	13.887	65	283956	18.839	ng/ul	98
47) Dimethylphthalate	14.251	163	1303791	16.856	ng/ul	99
48) 2,6-Dinitrotoluene	14.381	165	252488	18.472	ng/ul	96
50) Acenaphthylene	14.528	152	1670838	16.705	ng/ul	100
51) 3-Nitroaniline	14.704	138	205839	16.644	ng/ul	100
52) Acenaphthene	14.869	153	1143529	16.522	ng/ul	99
53) 2,4-Dinitrophenol	14.916	184	114650	13.782	ng/ul	94
55) 4-Nitrophenol	15.004	109	167644	17.210	ng/ul	99
56) Dibenzofuran	15.204	168	1570525	16.816	ng/ul	99
57) 2,4-Dinitrotoluene	15.163	165	366790	19.159	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.428	232	315588	18.010	ng/ul	95
59) Diethylphthalate	15.610	149	1291832	17.675	ng/ul	100
61) Fluorene	15.851	166	1270179	17.241	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.839	204	613268	17.011	ng/ul	99
63) 4-Nitroaniline	15.869	138	184558	17.879	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.928	198	203138	15.627	ng/ul	99
67) N-Nitrosodiphenylamine	16.057	169	1079017	16.330	ng/ul	100
68) 4-Bromophenyl-phenylether	16.739	248	371749	16.415	ng/ul	96
69) Hexachlorobenzene	16.863	284	427623	16.030	ng/ul	97
70) Atrazine	17.004	200	379513	17.068	ng/ul	99
71) Pentachlorophenol	17.204	266	246030	15.799	ng/ul	98
72) Phenanthrene	17.604	178	1986625	16.518	ng/ul	100
74) Anthracene	17.692	178	2022779	16.893	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.610	216	538907	14.954	ng/ul	98
76) Pentachlorobenzene	15.122	250	523257	15.262	ng/ul	100
77) Carbazole	17.957	167	1793875	17.812	ng/ul	100
78) Di-n-butylphthalate	18.492	149	2167011	19.242	ng/ul	99
80) Fluoranthene	19.557	202	2202603	15.997	ng/ul	98
82) Pyrene	19.910	202	2286161	15.672	ng/ul	97
83) Butylbenzylphthalate	20.763	149	927760	21.183	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.551	252	560434	20.014	ng/ul	98
85) Benzo(a)anthracene	21.627	228	1905594	17.160	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	1334964	24.224	ng/ul	99
87) Chrysene	21.686	228	1815032	16.232	ng/ul	99
89) Di-n-octyl phthalate	22.516	149	2178376	26.480	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	1593151	17.496	ng/ul	99
91) Benzo(k)fluoranthene	23.492	252	1509903	16.293	ng/ul	99
93) Benzo(a)pyrene	24.127	252	1298286	16.258	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.998	276	1469083	15.081	ng/ul	99
95) Dibenzo(a,h)anthracene	27.021	278	1205171	15.095	ng/ul	100
96) Benzo(g,h,i)perylene	27.851	276	1219211	14.706	ng/ul	98

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

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