

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
 Data File : BM038989.D
 Acq On : 13 Mar 2023 14:27
 Operator : CG/JU
 Sample : SST02041
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST020002

Quant Time: Mar 13 15:13:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 13 15:08:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

03/14/2023
 Supervised By :Jagrut
 Upadhyay

03/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	358883	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1616713	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	1026815	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	2134683	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	2068322	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	2184185	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	85037	8.848	ng/uL	0.00
4) Pyridine-d5	3.793	84	599752	22.696	ng/u1	0.00
7) Phenol-d5	7.140	99	708162	21.047	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	466450	21.697	ng/u1	0.00
11) 2-Chlorophenol-d4	7.516	132	548943	21.895	ng/u1	0.00
15) 4-Methylphenol-d8	8.698	113	554207	20.908	ng/u1	0.00
21) Nitrobenzene-d5	9.151	128	282558	24.896	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	290998	27.362	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	525393	21.260	ng/u1	0.00
31) 4-Chloroaniline-d4	10.939	131	824432	20.014	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	1579641	19.862	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	1874166	20.162	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	329480	20.695	ng/u1	0.00
60) Fluorene-d10	15.615	176	1385434	19.752	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	256320	23.096	ng/u1	0.00
73) Anthracene-d10	17.468	188	2163688	20.555	ng/u1	0.00
81) Pyrene-d10	19.756	212	2432366	21.382	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.838	264	2347898	21.331	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	93588	9.061	ng/uL	100
5) Pyridine	3.816	79	645560	22.693	ng/u1	100
6) Benzaldehyde	7.122	77	425953m	26.140	ng/u1	
8) Phenol	7.169	94	751800	20.876	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.410	93	610800	21.304	ng/u1	100
12) 2-Chlorophenol	7.545	128	561057	21.727	ng/u1	100
13) 2-Methylphenol	8.428	108	553963	20.579	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.522	45	824590m	22.911	ng/u1	
16) Acetophenone	8.816	105	945535	20.525	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.804	70	493317	23.315	ng/u1	100
18) 4-Methylphenol	8.757	108	620185	20.749	ng/u1	100
19) Hexachloroethane	9.075	117	233717	22.591	ng/u1	100
22) Nitrobenzene	9.198	77	720844	23.215	ng/u1	100
23) Isophorone	9.728	82	1378117	21.820	ng/u1	100
25) 2-Nitrophenol	9.910	139	319759	25.354	ng/u1	100
26) 2,4-Dimethylphenol	9.969	107	658989	21.268	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.210	93	839991	21.673	ng/u1	100
29) 2,4-Dichlorophenol	10.445	162	521491	20.816	ng/u1	100
30) Naphthalene	10.851	128	1890168	20.489	ng/u1	100
32) 4-Chloroaniline	10.963	127	835168	20.025	ng/u1	100
33) Hexachlorobutadiene	11.139	225	311784	20.002	ng/u1	100
34) Caprolactam	11.733	113	177335	20.643	ng/u1	100
35) 4-Chloro-3-methylphenol	12.080	107	606834	21.426	ng/u1	100
36) 2-Methylnaphthalene	12.457	142	1228883	20.408	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	1236603	20.382	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	604168	19.670	ng/u1	100
40) Hexachlorocyclopentadiene	12.804	237	372957	22.506	ng/u1	100
41) 2,4,6-Trichlorophenol	13.063	196	403154	20.810	ng/u1	100
42) 2,4,5-Trichlorophenol	13.127	196	440542	20.661	ng/u1	100
43) 1,1'-Biphenyl	13.463	154	1653424	20.415	ng/u1	100
44) 2-Chloronaphthalene	13.504	162	1290046	20.195	ng/u1	100
45) 2-Nitroaniline	13.710	65	401980	27.885	ng/u1	100
47) Dimethylphthalate	14.086	163	1597518	19.821	ng/u1	100
48) 2,6-Dinitrotoluene	14.204	165	309540	24.271	ng/u1	100
50) Acenaphthylene	14.351	152	2102250	20.392	ng/u1	100
51) 3-Nitroaniline	14.527	138	347176	21.689	ng/u1	100
52) Acenaphthene	14.692	153	1426307	20.100	ng/u1	100
53) 2,4-Dinitrophenol	14.727	184	162295	22.384	ng/u1	100
55) 4-Nitrophenol	14.827	109	266714	20.974	ng/u1	100
56) Dibenzofuran	15.021	168	1968996	19.987	ng/u1	100
57) 2,4-Dinitrotoluene	14.986	165	461649	23.416	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.245	232	381662	20.560	ng/u1	100
59) Diethylphthalate	15.445	149	1643939	20.613	ng/u1	100
61) Fluorene	15.668	166	1646430	19.933	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.668	204	774567	19.424	ng/u1	100
63) 4-Nitroaniline	15.686	138	358172	21.634	ng/u1	100
66) 4,6-Dinitro-2-methylph...	15.745	198	260927	22.718	ng/u1	100
67) N-Nitrosodiphenylamine	15.880	169	1357270	21.022	ng/u1	100
68) 4-Bromophenyl-phenylether	16.562	248	440186	20.034	ng/u1	100
69) Hexachlorobenzene	16.674	284	510471	19.182	ng/u1	100
70) Atrazine	16.827	200	451826	20.686	ng/u1	100
71) Pentachlorophenol	17.015	266	322417	19.926	ng/u1	100
72) Phenanthrene	17.415	178	2508746	20.341	ng/u1	100
74) Anthracene	17.504	178	2583731	20.574	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	614625	20.430	ng/uL	100
76) Pentachlorobenzene	14.939	250	620018	20.058	ng/uL	100
77) Carbazole	17.774	167	2385609	20.457	ng/u1	100
78) Di-n-butylphthalate	18.339	149	2758734	23.252	ng/u1	100
80) Fluoranthene	19.427	202	2851137	21.792	ng/u1	100
82) Pyrene	19.792	202	3073578	21.423	ng/u1	100
83) Butylbenzylphthalate	20.686	149	1254496	32.908	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.468	252	1009181	24.901	ng/u1	100
85) Benzo(a)anthracene	21.533	228	3039514	21.269	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	1914788	30.214	ng/u1	100
87) Chrysene	21.592	228	2875739	20.577	ng/u1	100
89) Di-n-octyl phthalate	22.409	149	3235958	29.465	ng/u1	100
90) Benzo(b)fluoranthene	23.250	252	2968518	21.889	ng/u1	100
91) Benzo(k)fluoranthene	23.303	252	2993165	21.486	ng/u1	100
93) Benzo(a)pyrene	23.891	252	2626104	20.904	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.550	276	3170112	19.090	ng/u1	100
95) Dibenzo(a,h)anthracene	26.568	278	2677940	19.115	ng/u1	100
96) Benzo(g,h,i)perylene	27.332	276	2508833	18.451	ng/u1	100

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

