

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
 Data File : BM038986.D
 Acq On : 13 Mar 2023 12:33
 Operator : CG/JU
 Sample : SST01040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST010048

Quant Time: Mar 13 15:12:31 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
 Supervised By :Jagrut
 Upadhyay

03/14/2023

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

1) 1,4-Dichlorobenzene-d4	7.986	152	354546	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1550776	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	959146	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1990341	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	1690192	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1593859	20.000	ng/u1	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.369	96	39746	4.186	ng/uL	0.00
4) Pyridine-d5	3.799	84	260467	9.977	ng/u1	0.00
7) Phenol-d5	7.139	99	307512	9.251	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	213047	10.031	ng/u1	0.00
11) 2-Chlorophenol-d4	7.516	132	237387	9.584	ng/u1	0.00
15) 4-Methylphenol-d8	8.692	113	237946	9.087	ng/u1	0.00
21) Nitrobenzene-d5	9.151	128	120489	11.067	ng/u1	0.00
24) 2-Nitrophenol-d4	9.880	143	116120	11.383	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	223822	9.442	ng/u1	0.00
31) 4-Chloroaniline-d4	10.933	131	359289	9.093	ng/u1	0.00
46) Dimethylphthalate-d6	14.033	166	703983	9.476	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	803207	9.251	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	122989	8.270	ng/u1	0.00
60) Fluorene-d10	15.615	176	610836	9.323	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	89106	8.611	ng/u1	0.00
73) Anthracene-d10	17.468	188	922504	9.400	ng/u1	0.00
81) Pyrene-d10	19.756	212	989435	10.643	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.838	264	761974	9.487	ng/u1	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.404	88	44840	4.394	ng/uL 96
5) Pyridine	3.816	79	287463	10.229	ng/u1 98
6) Benzaldehyde	7.122	77	198421m	12.326	ng/u1
8) Phenol	7.169	94	331174	9.309	ng/u1 97
10) Bis(2-Chloroethyl)ether	7.404	93	274868	9.705	ng/u1 98
12) 2-Chlorophenol	7.545	128	249353	9.775	ng/u1 99
13) 2-Methylphenol	8.428	108	240118	9.029	ng/u1 98
14) 2,2'-oxybis(1-Chloropr...	8.522	45	379290m	10.667	ng/u1
16) Acetophenone	8.816	105	423353	9.302	ng/u1 99
17) N-Nitroso-di-n-propyla...	8.798	70	218261	10.442	ng/u1 100
18) 4-Methylphenol	8.757	108	266384	9.021	ng/u1 97
19) Hexachloroethane	9.075	117	104676	10.242	ng/u1 100
22) Nitrobenzene	9.192	77	316445	10.625	ng/u1 99
23) Isophorone	9.722	82	599011	9.887	ng/u1 99
25) 2-Nitrophenol	9.910	139	130970	10.826	ng/u1 97
26) 2,4-Dimethylphenol	9.969	107	287159	9.662	ng/u1 99
27) Bis(2-Chloroethoxy)met...	10.210	93	379427	10.206	ng/u1 99
29) 2,4-Dichlorophenol	10.445	162	227110	9.451	ng/u1 100
30) Naphthalene	10.851	128	857509	9.690	ng/u1 100
32) 4-Chloroaniline	10.957	127	365911	9.147	ng/u1 99
33) Hexachlorobutadiene	11.139	225	138668	9.274	ng/u1 98
34) Caprolactam	11.727	113	67194m	8.155	ng/u1
35) 4-Chloro-3-methylphenol	12.074	107	258608	9.519	ng/u1 100
36) 2-Methylnaphthalene	12.457	142	554846	9.606	ng/u1 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.674	142	554134	9.522	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.821	216	270871	9.441	ng/u1	98
40) Hexachlorocyclopentadiene	12.804	237	154879	10.006	ng/u1	99
41) 2,4,6-Trichlorophenol	13.057	196	172581	9.537	ng/u1	98
42) 2,4,5-Trichlorophenol	13.127	196	187905	9.434	ng/u1	99
43) 1,1'-Biphenyl	13.463	154	751290	9.931	ng/u1	99
44) 2-Chloronaphthalene	13.504	162	575047	9.637	ng/u1	99
45) 2-Nitroaniline	13.704	65	156794	11.644	ng/u1	94
47) Dimethylphthalate	14.080	163	712194	9.460	ng/u1	100
48) 2,6-Dinitrotoluene	14.198	165	119164	10.003	ng/u1#	87
50) Acenaphthylene	14.351	152	915520	9.507	ng/u1	100
51) 3-Nitroaniline	14.527	138	133078	8.900	ng/u1	99
52) Acenaphthene	14.686	153	636058	9.596	ng/u1	99
53) 2,4-Dinitrophenol	14.727	184	49248	7.272	ng/u1	94
55) 4-Nitrophenol	14.821	109	101196	8.519	ng/u1	98
56) Dibenzofuran	15.021	168	882707	9.592	ng/u1	99
57) 2,4-Dinitrotoluene	14.980	165	179013	9.721	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.245	232	158336	9.131	ng/u1	98
59) Diethylphthalate	15.445	149	713256	9.574	ng/u1	100
61) Fluorene	15.668	166	724659	9.392	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.662	204	348158	9.347	ng/u1	95
63) 4-Nitroaniline	15.686	138	129425	8.369	ng/u1	96
66) 4,6-Dinitro-2-methylph...	15.739	198	94283	8.804	ng/u1#	97
67) N-Nitrosodiphenylamine	15.874	169	592391	9.841	ng/u1	99
68) 4-Bromophenyl-phenylether	16.562	248	193451	9.443	ng/u1	99
69) Hexachlorobenzene	16.674	284	223388	9.003	ng/u1	99
70) Atrazine	16.827	200	184912	9.080	ng/u1	99
71) Pentachlorophenol	17.015	266	117897	7.814	ng/u1	99
72) Phenanthrene	17.409	178	1104863	9.608	ng/u1	100
74) Anthracene	17.503	178	1116760	9.538	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	281134	10.023	ng/uL	99
76) Pentachlorobenzene	14.939	250	277588	9.631	ng/uL	99
77) Carbazole	17.774	167	994766	9.149	ng/u1	99
78) Di-n-butylphthalate	18.339	149	1110408	10.038	ng/u1	99
80) Fluoranthene	19.421	202	1173478	10.976	ng/u1	98
82) Pyrene	19.786	202	1258054	10.731	ng/u1	99
83) Butylbenzylphthalate	20.686	149	432961	13.898	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.468	252	317252	9.579	ng/u1	98
85) Benzo(a)anthracene	21.533	228	1123975	9.624	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	652038	12.590	ng/u1	98
87) Chrysene	21.591	228	1097837	9.613	ng/u1	99
89) Di-n-octyl phthalate	22.409	149	995085	12.416	ng/u1	100
90) Benzo(b)fluoranthene	23.250	252	1025917	10.367	ng/u1	100
91) Benzo(k)fluoranthene	23.297	252	1007695	9.913	ng/u1	99
93) Benzo(a)pyrene	23.885	252	871207	9.503	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.538	276	968774	7.994	ng/u1	98
95) Dibenzo(a,h)anthracene	26.562	278	818497	8.006	ng/u1	99
96) Benzo(g,h,i)perylene	27.320	276	776338	7.824	ng/u1	100

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

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