

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013023\
 Data File : BM038609.D
 Acq On : 30 Jan 2023 16:46
 Operator : CG/JU
 Sample : SSTD08025
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD080030

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2023
 Supervised By :Yogesh Patel 01/31/2023

Quant Time: Jan 31 00:22:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 00:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	32415	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	105732	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	86749	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	213503	20.000	ng/u1	0.00
79) Chrysene-d12	21.509	240	261979	20.000	ng/u1	0.00
88) Perylene-d12	23.921	264	327550	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	29172	32.233	ng/uL	0.00
4) Pyridine-d5	3.763	84	192018	84.348	ng/u1	0.00
7) Phenol-d5	7.128	99	169332	78.259	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.292	67	97505	77.204	ng/u1	0.00
11) 2-Chlorophenol-d4	7.486	132	149028	83.053	ng/u1	0.00
15) 4-Methylphenol-d8	8.680	113	136378	78.995	ng/u1	0.00
21) Nitrobenzene-d5	9.133	128	67741	84.523	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	95736	90.453	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	222103	94.818	ng/u1	0.00
31) 4-Chloroaniline-d4	10.916	131	187921	82.553	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	610474	85.191	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	683143	89.584	ng/u1	0.00
54) 4-Nitrophenol-d4	14.815	143	82519	83.242	ng/u1	0.02
60) Fluorene-d10	15.586	176	589879	92.048	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.715	200	153677	84.087	ng/u1	0.00
73) Anthracene-d10	17.439	188	996233	92.784	ng/u1	0.00
81) Pyrene-d10	19.727	212	1185069	87.789	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.768	264	1530594	91.038	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	28835	29.437	ng/uL	97
5) Pyridine	3.781	79	189045	80.863	ng/u1	95
6) Benzaldehyde	7.098	77	71756	71.925	ng/u1	94
8) Phenol	7.157	94	170117	78.528	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.386	93	121330	78.388	ng/u1	89
12) 2-Chlorophenol	7.522	128	147638	81.995	ng/u1	97
13) 2-Methylphenol	8.410	108	129469	78.659	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.492	45	121070	75.709	ng/u1	99
16) Acetophenone	8.792	105	240064	78.710	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.786	70	121576	86.736	ng/u1	96
18) 4-Methylphenol	8.745	108	137754	78.848	ng/u1	94
19) Hexachloroethane	9.033	117	75112	82.704	ng/u1	85
22) Nitrobenzene	9.180	77	194301	80.550	ng/u1	99
23) Isophorone	9.710	82	309723	84.854	ng/u1	95
25) 2-Nitrophenol	9.886	139	92316	87.995	ng/u1	97
26) 2,4-Dimethylphenol	9.945	107	193179	84.775	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.180	93	155778	83.699	ng/u1	97
29) 2,4-Dichlorophenol	10.422	162	208200	93.518	ng/u1	96
30) Naphthalene	10.822	128	443764	84.591	ng/u1	98
32) 4-Chloroaniline	10.939	127	190896	83.572	ng/u1	99
33) Hexachlorobutadiene	11.092	225	187637	81.099	ng/u1	98
34) Caprolactam	11.751	113	38210m	87.343	ng/u1	
35) 4-Chloro-3-methylphenol	12.063	107	159436	90.659	ng/u1#	85
36) 2-Methylnaphthalene	12.421	142	366702	93.980	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	376894	93.572	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.792	216	329653	77.198	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	242929	79.722	ng/ul	98
41) 2,4,6-Trichlorophenol	13.033	196	217894	83.809	ng/ul	95
42) 2,4,5-Trichlorophenol	13.104	196	231876	83.514	ng/ul	95
43) 1,1'-Biphenyl	13.433	154	574655	86.151	ng/ul	99
44) 2-Chloronaphthalene	13.474	162	479908	86.606	ng/ul#	92
45) 2-Nitroaniline	13.692	65	124507	84.005	ng/ul	93
47) Dimethylphthalate	14.057	163	601136	85.254	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	120600	92.349	ng/ul	86
50) Acenaphthylene	14.321	152	667609	87.547	ng/ul	97
51) 3-Nitroaniline	14.515	138	78537	83.550	ng/ul	100
52) Acenaphthene	14.657	153	489745	86.282	ng/ul	97
53) 2,4-Dinitrophenol	14.721	184	96144	91.582	ng/ul	92
55) 4-Nitrophenol	14.827	109	136679	82.183	ng/ul	91
56) Dibenzofuran	14.992	168	760484	90.082	ng/ul	87
57) 2,4-Dinitrotoluene	14.974	165	181412	94.249	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.215	232	200244	82.373	ng/ul#	95
59) Diethylphthalate	15.409	149	562810	85.141	ng/ul	96
61) Fluorene	15.639	166	705996	99.299	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.633	204	440406	88.033	ng/ul	90
63) 4-Nitroaniline	15.680	138	63111m	83.328	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.733	198	145491	84.355	ng/ul#	92
67) N-Nitrosodiphenylamine	15.851	169	541824	90.012	ng/ul	95
68) 4-Bromophenyl-phenylether	16.521	248	246414	81.911	ng/ul	97
69) Hexachlorobenzene	16.639	284	299050	85.157	ng/ul#	91
70) Atrazine	16.803	200	243834	80.732	ng/ul	98
71) Pentachlorophenol	16.986	266	183168	81.539	ng/ul	92
72) Phenanthrene	17.380	178	1046247	93.770	ng/ul	98
74) Anthracene	17.474	178	1114420	95.381	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	314323	76.596	ng/uL	98
76) Pentachlorobenzene	14.909	250	333640	78.135	ng/uL	98
77) Carbazole	17.745	167	849201	83.734	ng/ul	96
78) Di-n-butylphthalate	18.292	149	914754	93.228	ng/ul	98
80) Fluoranthene	19.392	202	1405333	89.816	ng/ul#	98
82) Pyrene	19.756	202	1528772	92.068	ng/ul#	98
83) Butylbenzylphthalate	20.639	149	445827	93.084	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.427	252	531329	82.557	ng/ul	98
85) Benzo(a)anthracene	21.497	228	1596252	86.014	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.409	149	658924	96.686	ng/ul	94
87) Chrysene	21.550	228	1521725	88.589	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	1198186	86.374	ng/ul	100
90) Benzo(b)fluoranthene	23.185	252	1889031	93.282	ng/ul	100
91) Benzo(k)fluoranthene	23.238	252	1892508m	93.794	ng/ul	
93) Benzo(a)pyrene	23.821	252	1703988	90.863	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.450	276	2606154	87.918	ng/ul	99
95) Dibenzo(a,h)anthracene	26.456	278	2260051	89.832	ng/ul	99
96) Benzo(g,h,i)perylene	27.220	276	1987006	82.585	ng/ul	99

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

