

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YY112123\
 Data File : VY016447.D
 Acq On : 21 Nov 2023 18:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 22 08:13:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	87	0.00
2 T	Dichlorodifluoromethane	50.000	92.749	-85.5#	173	0.00
3 P	Chloromethane	50.000	88.311	-76.6#	164	0.00
4 C	Vinyl Chloride	50.000	91.040	-82.1#	167	0.00
5 T	Bromomethane	50.000	92.486	-85.0#	171	0.00
6 T	Chloroethane	50.000	91.089	-82.2#	167	0.00
7 T	Trichlorofluoromethane	50.000	102.011	-104.0#	179	0.00
8 T	Diethyl Ether	50.000	102.682	-105.4#	181	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	99.027	-98.1#	180	0.00
10 T	Methyl Iodide	50.000	117.968	-135.9#	203	0.00
11 T	Tert butyl alcohol	250.000	413.311	-65.3#	149	0.00
12 CM	1,1-Dichloroethene	50.000	103.287	-106.6#	185	0.00
13 T	Acrolein	250.000	189.457	24.2	65	0.00
14 T	Allyl chloride	50.000	96.707	-93.4#	168	0.00
15 T	Acrylonitrile	250.000	472.955	-89.2#	162	0.00
16 T	Acetone	250.000	472.196	-88.9#	172	0.00
17 T	Carbon Disulfide	50.000	102.708	-105.4#	183	0.00
18 T	Methyl Acetate	50.000	90.687	-81.4#	157	0.00
19 T	Methyl tert-butyl Ether	50.000	99.732	-99.5#	172	0.01
20 T	Methylene Chloride	50.000	123.228	-146.5#	200	0.01
21 T	trans-1,2-Dichloroethene	50.000	104.980	-110.0#	189	0.01
22 T	Diisopropyl ether	50.000	91.722	-83.4#	158	0.00
23 T	Vinyl Acetate	250.000	446.494	-78.6#	151	0.00
24 P	1,1-Dichloroethane	50.000	100.824	-101.6#	178	0.00
25 T	2-Butanone	250.000	426.482	-70.6#	149	0.00
26 T	2,2-Dichloropropane	50.000	103.701	-107.4#	183	0.00
27 T	cis-1,2-Dichloroethene	50.000	106.833	-113.7#	189	0.00
28 T	Bromochloromethane	50.000	100.505	-101.0#	178	0.00
29 T	Tetrahydrofuran	250.000	426.118	-70.4#	143	0.00
30 C	Chloroform	50.000	104.419	-108.8#	186	0.00
31 T	Cyclohexane	50.000	86.716	-73.4#	160	0.00
32 T	1,1,1-Trichloroethane	50.000	105.682	-111.4#	188	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.367	1.3	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	55.506	-11.0	98	0.00
36 T	1,1-Dichloropropene	50.000	99.165	-98.3#	174	0.01
37 T	Ethyl Acetate	50.000	82.171	-64.3#	142	0.00
38 T	Carbon Tetrachloride	50.000	106.888	-113.8#	187	0.00
39 T	Methylcyclohexane	50.000	98.857	-97.7#	171	0.00
40 TM	Benzene	50.000	103.859	-107.7#	181	0.00
41 T	Methacrylonitrile	50.000	81.297	-62.6#	146	0.00
42 TM	1,2-Dichloroethane	50.000	100.143	-100.3#	172	0.01
43 T	Isopropyl Acetate	50.000	84.606	-69.2#	143	0.00
44 TM	Trichloroethene	50.000	108.192	-116.4#	190	0.00
45 C	1,2-Dichloropropane	50.000	99.922	-99.8#	171	0.00
46 T	Dibromomethane	50.000	101.177	-102.4#	173	0.00
47 T	Bromodichloromethane	50.000	104.686	-109.4#	181	0.00
48 T	Methyl methacrylate	50.000	89.302	-78.6#	148	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1955.077	-95.5#	163	0.00
50 S	Toluene-d8	50.000	51.600	-3.2	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	417.420	-67.0#	141	0.00
52 CM	Toluene	50.000	105.585	-111.2#	183	0.00
53 T	t-1,3-Dichloropropene	50.000	101.874	-103.7#	173	0.00
54 T	cis-1,3-Dichloropropene	50.000	103.281	-106.6#	176	0.00
55 T	1,1,2-Trichloroethane	50.000	102.174	-104.3#	174	0.00
56 T	Ethyl methacrylate	50.000	99.674	-99.3#	163	0.00
57 T	1,3-Dichloropropane	50.000	100.673	-101.3#	170	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.459	-0.2	79	0.00
59 T	2-Hexanone	250.000	381.012	-52.4#	136	0.00
60 T	Dibromochloromethane	50.000	108.113	-116.2#	182	0.00
61 T	1,2-Dibromoethane	50.000	102.661	-105.3#	175	0.00
62 S	4-Bromofluorobenzene	50.000	52.547	-5.1	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	109.269	-118.5#	192	0.00
65 PM	Chlorobenzene	50.000	105.767	-111.5#	187	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	107.567	-115.1#	188	0.00
67 C	Ethyl Benzene	50.000	104.837	-109.7#	182	0.00
68 T	m/p-Xylenes	100.000	212.754	-112.8#	185	0.00
69 T	o-Xylene	50.000	107.437	-114.9#	183	0.00
70 T	Styrene	50.000	108.427	-116.9#	185	0.00
71 P	Bromoform	50.000	104.944	-109.9#	179	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	103.280	-106.6#	182	0.00
74 T	N-amyl acetate	50.000	82.744	-65.5#	139	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	88.657	-77.3#	156	0.00
76 T	1,2,3-Trichloropropane	50.000	169.064	-238.1#	318	0.00
77 T	Bromobenzene	50.000	105.439	-110.9#	184	0.00
78 T	n-propylbenzene	50.000	100.146	-100.3#	177	0.00
79 T	2-Chlorotoluene	50.000	101.429	-102.9#	178	0.00
80 T	1,3,5-Trimethylbenzene	50.000	103.806	-107.6#	182	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	97.445	-94.9#	171	0.00
82 T	4-Chlorotoluene	50.000	99.868	-99.7#	177	0.00
83 T	tert-Butylbenzene	50.000	104.945	-109.9#	183	0.00
84 T	1,2,4-Trimethylbenzene	50.000	103.904	-107.8#	182	0.00
85 T	sec-Butylbenzene	50.000	99.163	-98.3#	175	0.00
86 T	p-Isopropyltoluene	50.000	102.197	-104.4#	179	0.00
87 T	1,3-Dichlorobenzene	50.000	104.020	-108.0#	186	0.00
88 T	1,4-Dichlorobenzene	50.000	102.987	-106.0#	183	0.00
89 T	n-Butylbenzene	50.000	97.340	-94.7#	168	0.00
90 T	Hexachloroethane	50.000	102.083	-104.2#	182	0.00
91 T	1,2-Dichlorobenzene	50.000	103.613	-107.2#	184	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	91.643	-83.3#	169	0.00
93 T	1,2,4-Trichlorobenzene	50.000	108.906	-117.8#	193	0.00
94 T	Hexachlorobutadiene	50.000	100.169	-100.3#	180	0.00
95 T	Naphthalene	50.000	108.712	-117.4#	190	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	108.352	-116.7#	198	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6