

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072151.D
 Acq On : 11 Mar 2022 15:14
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD031122

Quant Time: Mar 14 03:12:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 03:10:12 2022
 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	44.133	11.7	81	0.00
3 P	Chloromethane	50.000	47.559	4.9	86	0.00
4 C	Vinyl Chloride	50.000	48.433	3.1#	82	0.00
5 T	Bromomethane	50.000	49.032	1.9	91	0.00
6 T	Chloroethane	50.000	48.295	3.4	85	0.00
7 T	Trichlorofluoromethane	50.000	45.384	9.2	82	0.00
8 T	Diethyl Ether	50.000	48.869	2.3	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.484	11.0	81	0.00
10 T	Methyl Iodide	50.000	45.433	9.1	85	0.00
11 T	Tert butyl alcohol	250.000	291.450	-16.6	130	0.00
12 CM	1,1-Dichloroethene	50.000	47.667	4.7#	84	0.00
13 T	Acrolein	250.000	234.151	6.3	108	0.00
14 T	Allyl chloride	50.000	47.796	4.4	86	0.00
15 T	Acrylonitrile	250.000	257.901	-3.2	104	0.00
16 T	Acetone	250.000	226.761	9.3	89	0.00
17 T	Carbon Disulfide	50.000	48.367	3.3	84	0.00
18 T	Methyl Acetate	50.000	45.878	8.2	102	0.00
19 T	Methyl tert-butyl Ether	50.000	50.534	-1.1	97	0.00
20 T	Methylene Chloride	50.000	48.277	3.4	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.034	-0.1	87	0.00
22 T	Diisopropyl ether	50.000	48.863	2.3	93	0.00
23 T	Vinyl Acetate	250.000	267.044	-6.8	97	0.00
24 P	1,1-Dichloroethane	50.000	46.591	6.8	87	0.00
25 T	2-Butanone	250.000	242.894	2.8	98	0.00
26 T	2,2-Dichloropropane	50.000	44.940	10.1	84	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.727	4.5	88	0.00
28 T	Bromochloromethane	50.000	49.010	2.0	93	0.00
29 T	Tetrahydrofuran	250.000	263.070	-5.2	103	0.00
30 C	Chloroform	50.000	46.338	7.3#	89	0.00
31 T	Cyclohexane	50.000	46.738	6.5	82	0.00
32 T	1,1,1-Trichloroethane	50.000	45.219	9.6	84	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.133	3.7	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	48.116	3.8	102	0.00
36 T	1,1-Dichloropropene	50.000	47.586	4.8	82	0.00
37 T	Ethyl Acetate	50.000	51.818	-3.6	100	0.00
38 T	Carbon Tetrachloride	50.000	46.217	7.6	84	0.00
39 T	Methylcyclohexane	50.000	50.400	-0.8	84	0.00
40 TM	Benzene	50.000	48.256	3.5	87	0.00
41 T	Methacrylonitrile	50.000	54.477	-9.0	103	0.00
42 TM	1,2-Dichloroethane	50.000	49.666	0.7	94	0.00
43 T	Isopropyl Acetate	50.000	52.206	-4.4	102	0.00
44 TM	Trichloroethene	50.000	47.555	4.9	85	0.00
45 C	1,2-Dichloropropane	50.000	46.830	6.3#	89	0.00
46 T	Dibromomethane	50.000	49.765	0.5	94	0.00
47 T	Bromodichloromethane	50.000	47.280	5.4	90	0.00
48 T	Methyl methacrylate	50.000	54.321	-8.6	98	0.00

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

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

49 T	1,4-Dioxane	1000.000	1054.329	-5.4	106	0.00
50 S	Toluene-d8	50.000	48.224	3.6	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	263.164	-5.3	103	0.00
52 CM	Toluene	50.000	47.775	4.5#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	48.984	2.0	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.155	1.7	92	0.00
55 T	1,1,2-Trichloroethane	50.000	47.743	4.5	93	0.00
56 T	Ethyl methacrylate	50.000	51.464	-2.9	97	0.00
57 T	1,3-Dichloropropane	50.000	48.865	2.3	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.657	-0.7	100	0.00
59 T	2-Hexanone	250.000	256.105	-2.4	99	0.00
60 T	Dibromochloromethane	50.000	47.568	4.9	93	0.00
61 T	1,2-Dibromoethane	50.000	49.123	1.8	94	0.00
62 S	4-Bromofluorobenzene	50.000	45.884	8.2	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	46.332	7.3	81	0.00
65 PM	Chlorobenzene	50.000	47.701	4.6	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.172	7.7	86	0.00
67 C	Ethyl Benzene	50.000	47.699	4.6#	84	0.00
68 T	m/p-Xylenes	100.000	97.386	2.6	85	0.00
69 T	o-Xylene	50.000	48.299	3.4	85	0.00
70 T	Styrene	50.000	48.113	3.8	87	0.00
71 P	Bromoform	50.000	48.949	2.1	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	48.139	3.7	83	0.00
74 T	N-ethyl acetate	50.000	54.056	-8.1	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.133	-0.3	98	0.00
76 T	1,2,3-Trichloropropane	50.000	50.564	-1.1	97	0.00
77 T	Bromobenzene	50.000	49.017	2.0	90	0.00
78 T	n-propylbenzene	50.000	48.147	3.7	84	0.00
79 T	2-Chlorotoluene	50.000	47.539	4.9	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.396	5.2	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.540	-5.1	100	0.00
82 T	4-Chlorotoluene	50.000	47.721	4.6	86	0.00
83 T	tert-Butylbenzene	50.000	47.021	6.0	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.453	5.1	85	0.00
85 T	sec-Butylbenzene	50.000	47.108	5.8	83	0.00
86 T	p-Isopropyltoluene	50.000	47.630	4.7	83	0.00
87 T	1,3-Dichlorobenzene	50.000	46.810	6.4	87	0.00
88 T	1,4-Dichlorobenzene	50.000	46.525	7.0	86	0.00
89 T	n-Butylbenzene	50.000	47.217	5.6	82	0.00
90 T	Hexachloroethane	50.000	45.677	8.6	84	0.00
91 T	1,2-Dichlorobenzene	50.000	47.182	5.6	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.223	1.6	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.927	6.1	87	0.00
94 T	Hexachlorobutadiene	50.000	44.253	11.5	81	0.00
95 T	Naphthalene	50.000	50.777	-1.6	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.714	4.6	90	0.00

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