

Data File : VY002761.D
Acq On : 27 May 2020 13:40
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052720

Quant Time: May 28 05:06:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	109	0.00
2 T	Dichlorodifluoromethane	0.344	0.347	-0.9	119	0.00
3 P	Chloromethane	0.381	0.381	0.0	119	0.00
4 C	Vinyl Chloride	0.402	0.426	-6.0#	122	0.00
5 T	Bromomethane	0.301	0.312	-3.7	121	0.00
6 T	Chloroethane	0.261	0.269	-3.1	118	0.00
7 T	Trichlorofluoromethane	0.712	0.753	-5.8	119	0.00
8 T	Diethyl Ether	0.278	0.281	-1.1	116	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.423	0.466	-10.2	120	0.00
10 T	Methyl Iodide	0.592	0.633	-6.9	112	0.00
11 T	Tert butyl alcohol	0.054	0.050	7.4	119	0.00
12 CM	1,1-Dichloroethene	0.425	0.455	-7.1#	119	0.00
13 T	Acrolein	0.051	0.050	2.0	113	0.00
14 T	Allyl chloride	0.610	0.674	-10.5	119	0.00
15 T	Acrylonitrile	0.125	0.137	-9.6	119	0.00
16 T	Acetone	0.102	0.121	-18.6	125	0.00
17 T	Carbon Disulfide	1.285	1.353	-5.3	117	0.00
18 T	Methyl Acetate	0.276	0.284	-2.9	121	0.00
19 T	Methyl tert-butyl Ether	1.174	1.267	-7.9	118	0.00
20 T	Methylene Chloride	0.497	0.513	-3.2	119	0.00
21 T	trans-1,2-Dichloroethene	0.478	0.505	-5.6	117	0.00
22 T	Diisopropyl ether	1.268	1.382	-9.0	119	0.00
23 T	Vinyl Acetate	0.837	0.943	-12.7	119	0.00
24 P	1,1-Dichloroethane	0.742	0.807	-8.8	119	0.00
25 T	2-Butanone	0.159	0.178	-11.9	122	0.00
26 T	2,2-Dichloropropane	0.711	0.744	-4.6	119	0.00
27 T	cis-1,2-Dichloroethene	0.536	0.574	-7.1	119	0.00
28 T	Bromochloromethane	0.304	0.302	0.7	109	0.00
29 T	Tetrahydrofuran	0.103	0.114	-10.7	119	0.00
30 C	Chloroform	0.787	0.846	-7.5#	117	0.00
31 T	Cyclohexane	0.736	0.758	-3.0	119	0.00
32 T	1,1,1-Trichloroethane	0.733	0.781	-6.5	117	0.00
33 S	1,2-Dichloroethane-d4	0.434	0.433	0.2	109	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.293	0.303	-3.4	110	0.00
36 T	1,1-Dichloropropene	0.421	0.457	-8.6	119	0.00
37 T	Ethyl Acetate	0.229	0.260	-13.5	122	0.00
38 T	Carbon Tetrachloride	0.468	0.498	-6.4	117	0.00
39 T	Methylcyclohexane	0.555	0.600	-8.1	120	0.00
40 TM	Benzene	1.245	1.328	-6.7	117	0.00
41 T	Methacrylonitrile	0.123	0.139	-13.0	127	0.00
42 TM	1,2-Dichloroethane	0.349	0.371	-6.3	117	0.00
43 T	Isopropyl Acetate	0.434	0.484	-11.5	119	0.00
44 TM	Trichloroethene	0.393	0.415	-5.6	116	0.00
45 C	1,2-Dichloropropane	0.298	0.322	-8.1#	117	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.177	0.190	-7.3	116	0.00
47 T	Bromodichloromethane	0.418	0.458	-9.6	118	0.00
48 T	Methyl methacrylate	0.196	0.217	-10.7	119	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	114	0.00
50 S	Toluene-d8	1.185	1.183	0.2	108	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.257	-11.7	120	0.00
52 CM	Toluene	0.814	0.865	-6.3#	116	0.00
53 T	t-1,3-Dichloropropene	0.456	0.500	-9.6	118	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.564	-9.1	118	0.00
55 T	1,1,2-Trichloroethane	0.271	0.288	-6.3	115	0.00
56 T	Ethyl methacrylate	0.363	0.402	-10.7	118	0.00
57 T	1,3-Dichloropropane	0.446	0.481	-7.8	118	0.00
58 T	2-Chloroethyl Vinyl ether	0.178	0.179	-0.6	111	0.00
59 T	2-Hexanone	0.163	0.185	-13.5	120	0.00
60 T	Dibromochloromethane	0.344	0.371	-7.8	116	0.00
61 T	1,2-Dibromoethane	0.268	0.291	-8.6	117	0.00
62 S	4-Bromofluorobenzene	0.405	0.414	-2.2	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
64 T	Tetrachloroethene	0.454	0.472	-4.0	112	0.00
65 PM	Chlorobenzene	0.988	1.057	-7.0	116	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.401	-7.8	115	0.00
67 C	Ethyl Benzene	1.713	1.851	-8.1#	118	0.00
68 T	m/p-Xylenes	0.664	0.716	-7.8	117	0.00
69 T	o-Xylene	0.627	0.682	-8.8	117	0.00
70 T	Styrene	1.087	1.174	-8.0	115	0.00
71 P	Bromoform	0.249	0.275	-10.4	118	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.204	3.507	-9.5	116	0.00
74 T	N-amyl acetate	0.822	0.942	-14.6	117	0.00
75 P	1,1,2,2-Tetrachloroethane	0.562	0.642	-14.2	119	0.00
76 T	1,2,3-Trichloropropane	0.451	0.506	-12.2	118	0.00
77 T	Bromobenzene	0.834	0.899	-7.8	115	0.00
78 T	n-propylbenzene	3.701	4.070	-10.0	116	0.00
79 T	2-Chlorotoluene	2.076	2.263	-9.0	116	0.00
80 T	1,3,5-Trimethylbenzene	2.675	2.935	-9.7	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.239	0.276	-15.5	118	0.00
82 T	4-Chlorotoluene	2.175	2.383	-9.6	115	0.00
83 T	tert-Butylbenzene	2.386	2.605	-9.2	115	0.00
84 T	1,2,4-Trimethylbenzene	2.690	2.927	-8.8	114	0.00
85 T	sec-Butylbenzene	3.263	3.550	-8.8	115	0.00
86 T	p-Isopropyltoluene	3.036	3.327	-9.6	115	0.00
87 T	1,3-Dichlorobenzene	1.580	1.701	-7.7	114	0.00
88 T	1,4-Dichlorobenzene	1.581	1.710	-8.2	115	0.00
89 T	n-Butylbenzene	2.757	3.032	-10.0	116	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy052720\
Evaluate Continuing Calibration Report

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.568	0.623	-9.7	115	0.00
91 T	1,2-Dichlorobenzene	1.433	1.554	-8.4	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.108	0.124	-14.8	120	0.00
93 T	1,2,4-Trichlorobenzene	1.080	1.156	-7.0	113	0.00
94 T	Hexachlorobutadiene	0.613	0.657	-7.2	114	0.00
95 T	Naphthalene	2.166	2.382	-10.0	115	0.00
96 T	1,2,3-Trichlorobenzene	0.965	1.041	-7.9	116	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6