

Data File : VY002939.D
Acq On : 19 Jun 2020 15:27
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY061920

Quant Time: Jun 20 04:41:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 15:04:26 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	120	0.00
2 T	Dichlorodifluoromethane	0.319	0.326	-2.2	119	0.00
3 P	Chloromethane	0.362	0.357	1.4	116	0.00
4 C	Vinyl Chloride	0.389	0.394	-1.3#	116	0.00
5 T	Bromomethane	0.287	0.299	-4.2	119	0.00
6 T	Chloroethane	0.251	0.255	-1.6	115	0.00
7 T	Trichlorofluoromethane	0.698	0.718	-2.9	118	0.00
8 T	Diethyl Ether	0.252	0.256	-1.6	116	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.420	0.438	-4.3	120	0.00
10 T	Methyl Iodide	0.582	0.609	-4.6	111	0.00
11 T	Tert butyl alcohol	0.050	0.042	16.0	112	0.00
12 CM	1,1-Dichloroethene	0.417	0.434	-4.1#	119	0.00
13 T	Acrolein	0.041	0.042	-2.4	113	0.00
14 T	Allyl chloride	0.601	0.627	-4.3	119	0.00
15 T	Acrylonitrile	0.121	0.123	-1.7	118	0.00
16 T	Acetone	0.102	0.110	-7.8	120	0.00
17 T	Carbon Disulfide	1.232	1.343	-9.0	117	0.00
18 T	Methyl Acetate	0.299	0.260	13.0	120	0.00
19 T	Methyl tert-butyl Ether	1.135	1.164	-2.6	119	0.00
20 T	Methylene Chloride	0.659	0.505	23.4	118	0.00
21 T	trans-1,2-Dichloroethene	0.463	0.485	-4.8	119	0.00
22 T	Diisopropyl ether	1.227	1.251	-2.0	118	0.00
23 T	Vinyl Acetate	0.794	0.858	-8.1	119	0.00
24 P	1,1-Dichloroethane	0.727	0.748	-2.9	118	0.00
25 T	2-Butanone	0.153	0.157	-2.6	120	0.00
26 T	2,2-Dichloropropane	0.679	0.680	-0.1	119	0.00
27 T	cis-1,2-Dichloroethene	0.517	0.524	-1.4	117	0.00
28 T	Bromochloromethane	0.304	0.307	-1.0	110	0.00
29 T	Tetrahydrofuran	0.099	0.101	-2.0	118	0.00
30 C	Chloroform	0.761	0.778	-2.2#	118	0.00
31 T	Cyclohexane	0.709	0.709	0.0	117	0.00
32 T	1,1,1-Trichloroethane	0.702	0.715	-1.9	118	0.00
33 S	1,2-Dichloroethane-d4	0.413	0.402	2.7	110	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	120	0.00
35 S	Dibromofluoromethane	0.283	0.280	1.1	112	0.00
36 T	1,1-Dichloropropene	0.406	0.425	-4.7	120	0.00
37 T	Ethyl Acetate	0.225	0.229	-1.8	121	0.00
38 T	Carbon Tetrachloride	0.448	0.463	-3.3	118	0.00
39 T	Methylcyclohexane	0.535	0.557	-4.1	118	0.00
40 TM	Benzene	1.209	1.227	-1.5	117	0.00
41 T	Methacrylonitrile	0.113	0.118	-4.4	102	0.00
42 TM	1,2-Dichloroethane	0.336	0.335	0.3	117	0.00
43 T	Isopropyl Acetate	0.420	0.430	-2.4	119	0.00
44 TM	Trichloroethene	0.374	0.378	-1.1	116	0.00
45 C	1,2-Dichloropropane	0.291	0.295	-1.4#	118	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.174	0.177	-1.7	118	0.00
47 T	Bromodichloromethane	0.405	0.415	-2.5	117	0.00
48 T	Methyl methacrylate	0.188	0.196	-4.3	119	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	121	0.00
50 S	Toluene-d8	1.116	1.102	1.3	110	0.00
51 T	4-Methyl-2-Pentanone	0.223	0.226	-1.3	117	0.00
52 CM	Toluene	0.782	0.793	-1.4#	117	0.00
53 T	t-1,3-Dichloropropene	0.440	0.452	-2.7	118	0.00
54 T	cis-1,3-Dichloropropene	0.499	0.511	-2.4	116	0.00
55 T	1,1,2-Trichloroethane	0.259	0.259	0.0	117	0.00
56 T	Ethyl methacrylate	0.349	0.363	-4.0	118	0.00
57 T	1,3-Dichloropropane	0.432	0.435	-0.7	116	0.00
58 T	2-Chloroethyl Vinyl ether	0.174	0.180	-3.4	112	0.00
59 T	2-Hexanone	0.156	0.162	-3.8	118	0.00
60 T	Dibromochloromethane	0.330	0.333	-0.9	117	0.00
61 T	1,2-Dibromoethane	0.257	0.263	-2.3	118	0.00
62 S	4-Bromofluorobenzene	0.387	0.376	2.8	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	118	0.00
64 T	Tetrachloroethene	0.417	0.424	-1.7	116	0.00
65 PM	Chlorobenzene	0.946	0.965	-2.0	116	0.00
66 T	1,1,1,2-Tetrachloroethane	0.358	0.367	-2.5	115	0.00
67 C	Ethyl Benzene	1.633	1.687	-3.3#	116	0.00
68 T	m/p-Xylenes	0.634	0.657	-3.6	116	0.00
69 T	o-Xylene	0.598	0.621	-3.8	116	0.00
70 T	Styrene	1.033	1.070	-3.6	115	0.00
71 P	Bromoform	0.239	0.247	-3.3	116	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
73 T	Isopropylbenzene	3.064	3.249	-6.0	116	0.00
74 T	N-amyl acetate	0.789	0.843	-6.8	116	0.00
75 P	1,1,2,2-Tetrachloroethane	0.568	0.603	-6.2	119	0.00
76 T	1,2,3-Trichloropropane	0.435	0.472	-8.5	124	0.00
77 T	Bromobenzene	0.802	0.833	-3.9	114	0.00
78 T	n-propylbenzene	3.555	3.766	-5.9	116	0.00
79 T	2-Chlorotoluene	1.991	2.094	-5.2	115	0.00
80 T	1,3,5-Trimethylbenzene	2.555	2.708	-6.0	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.228	0.249	-9.2	119	0.00
82 T	4-Chlorotoluene	2.094	2.192	-4.7	115	0.00
83 T	tert-Butylbenzene	2.288	2.396	-4.7	114	0.00
84 T	1,2,4-Trimethylbenzene	2.571	2.713	-5.5	114	0.00
85 T	sec-Butylbenzene	3.113	3.274	-5.2	115	0.00
86 T	p-Isopropyltoluene	2.920	3.053	-4.6	114	0.00
87 T	1,3-Dichlorobenzene	1.512	1.568	-3.7	115	0.00
88 T	1,4-Dichlorobenzene	1.514	1.557	-2.8	114	0.00
89 T	n-Butylbenzene	2.639	2.772	-5.0	114	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy061920\
Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.544	0.571	-5.0	115	0.00
91 T	1,2-Dichlorobenzene	1.376	1.424	-3.5	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.106	0.111	-4.7	118	0.00
93 T	1,2,4-Trichlorobenzene	1.033	1.069	-3.5	114	0.00
94 T	Hexachlorobutadiene	0.595	0.612	-2.9	115	0.00
95 T	Naphthalene	2.059	2.189	-6.3	117	0.00
96 T	1,2,3-Trichlorobenzene	0.921	0.952	-3.4	115	0.00

(#) = Out of Range

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