

Data File : VY000814.D
Acq On : 27 Nov 2019 13:00
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112719

Quant Time: Nov 29 05:23:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	110	0.00
2 T	Dichlorodifluoromethane	0.538	0.494	8.2	101	0.00
3 P	Chloromethane	0.663	0.604	8.9	99	0.00
4 C	Vinyl Chloride	0.654	0.595	9.0#	99	0.00
5 T	Bromomethane	0.394	0.355	9.9	97	0.00
6 T	Chloroethane	0.401	0.368	8.2	96	0.00
7 T	Trichlorofluoromethane	0.896	0.839	6.4	101	0.00
8 T	Diethyl Ether	0.337	0.324	3.9	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.553	0.530	4.2	103	0.00
10 T	Methyl Iodide	0.697	0.701	-0.6	105	0.00
11 T	Tert butyl alcohol	0.053	0.049	7.5	92	0.00
12 CM	1,1-Dichloroethene	0.548	0.534	2.6#	106	0.00
13 T	Acrolein	0.053	0.050	5.7	107	0.00
14 T	Allyl chloride	0.940	0.878	6.6	97	0.00
15 T	Acrylonitrile	0.174	0.165	5.2	98	0.00
16 T	Acetone	0.122	0.113	7.4	100	0.00
17 T	Carbon Disulfide	1.773	1.730	2.4	104	0.00
18 T	Methyl Acetate	0.510	0.452	11.4	95	0.00
19 T	Methyl tert-butyl Ether	1.464	1.411	3.6	98	0.00
20 T	Methylene Chloride	0.642	0.592	7.8	101	0.00
21 T	trans-1,2-Dichloroethene	0.623	0.599	3.9	103	0.00
22 T	Diisopropyl ether	1.932	1.779	7.9	95	0.00
23 T	Vinyl Acetate	1.175	1.129	3.9	95	0.00
24 P	1,1-Dichloroethane	1.065	1.004	5.7	99	-0.01
25 T	2-Butanone	0.225	0.215	4.4	93	0.00
26 T	2,2-Dichloropropane	0.896	0.858	4.2	103	0.00
27 T	cis-1,2-Dichloroethene	0.674	0.645	4.3	101	0.00
28 T	Bromochloromethane	0.360	0.399	-10.8	106	0.00
29 T	Tetrahydrofuran	0.149	0.141	5.4	94	0.00
30 C	Chloroform	1.068	0.979	8.3#	100	0.00
31 T	Cyclohexane	1.128	1.037	8.1	100	0.00
32 T	1,1,1-Trichloroethane	0.882	0.844	4.3	102	0.00
33 S	1,2-Dichloroethane-d4	0.531	0.510	4.0	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35 S	Dibromofluoromethane	0.291	0.285	2.1	110	0.00
36 T	1,1-Dichloropropene	0.497	0.473	4.8	103	0.00
37 T	Ethyl Acetate	0.287	0.265	7.7	94	0.00
38 T	Carbon Tetrachloride	0.443	0.425	4.1	102	0.00
39 T	Methylcyclohexane	0.659	0.628	4.7	102	0.00
40 TM	Benzene	1.448	1.379	4.8	100	0.00
41 T	Methacrylonitrile	0.151	0.155	-2.6	110	0.00
42 TM	1,2-Dichloroethane	0.381	0.355	6.8	97	0.00
43 T	Isopropyl Acetate	0.541	0.498	7.9	93	0.00
44 TM	Trichloroethene	0.372	0.352	5.4	100	0.00
45 C	1,2-Dichloropropane	0.364	0.344	5.5#	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.190	0.184	3.2	100	0.00
47 T	Bromodichloromethane	0.446	0.426	4.5	98	0.00
48 T	Methyl methacrylate	0.238	0.220	7.6	90	0.00
49 T	1,4-Dioxane	0.003	0.002	33.3#	89	0.00
50 S	Toluene-d8	1.165	1.179	-1.2	108	0.00
51 T	4-Methyl-2-Pentanone	0.280	0.265	5.4	94	0.00
52 CM	Toluene	0.897	0.850	5.2#	99	0.00
53 T	t-1,3-Dichloropropene	0.480	0.471	1.9	98	0.00
54 T	cis-1,3-Dichloropropene	0.567	0.554	2.3	101	0.00
55 T	1,1,2-Trichloroethane	0.281	0.267	5.0	99	0.00
56 T	Ethyl methacrylate	0.402	0.399	0.7	96	0.00
57 T	1,3-Dichloropropane	0.489	0.463	5.3	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.236	-45.7#	159#	0.00
59 T	2-Hexanone	0.204	0.198	2.9	90	0.00
60 T	Dibromochloromethane	0.302	0.292	3.3	97	0.00
61 T	1,2-Dibromoethane	0.265	0.260	1.9	99	0.00
62 S	4-Bromofluorobenzene	0.438	0.405	7.5	106	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.434	0.407	6.2	99	0.00
65 PM	Chlorobenzene	1.039	0.996	4.1	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.350	0.338	3.4	98	0.00
67 C	Ethyl Benzene	1.936	1.851	4.4#	98	0.00
68 T	m/p-Xylenes	0.727	0.699	3.9	99	0.00
69 T	o-Xylene	0.677	0.654	3.4	98	0.00
70 T	Styrene	1.160	1.140	1.7	99	0.00
71 P	Bromoform	0.198	0.199	-0.5	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.981	3.798	4.6	98	0.00
74 T	N-amyl acetate	1.108	1.065	3.9	94	0.00
75 P	1,1,2,2-Tetrachloroethane	0.784	0.761	2.9	94	0.00
76 T	1,2,3-Trichloropropane	0.566	0.555	1.9	99	0.00
77 T	Bromobenzene	0.863	0.844	2.2	99	0.00
78 T	n-propylbenzene	4.861	4.662	4.1	98	0.00
79 T	2-Chlorotoluene	2.685	2.534	5.6	97	0.00
80 T	1,3,5-Trimethylbenzene	3.296	3.126	5.2	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.293	-1.7	94	0.00
82 T	4-Chlorotoluene	2.767	2.642	4.5	99	0.00
83 T	tert-Butylbenzene	2.771	2.663	3.9	98	0.00
84 T	1,2,4-Trimethylbenzene	3.298	3.144	4.7	97	0.00
85 T	sec-Butylbenzene	4.030	3.860	4.2	98	0.00
86 T	p-Isopropyltoluene	3.506	3.354	4.3	97	0.00
87 T	1,3-Dichlorobenzene	1.693	1.600	5.5	98	0.00
88 T	1,4-Dichlorobenzene	1.676	1.609	4.0	98	0.00
89 T	n-Butylbenzene	3.544	3.410	3.8	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy112719\
Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.646	0.639	1.1	98	0.00
91 T	1,2-Dichlorobenzene	1.523	1.465	3.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.126	3.8	93	0.00
93 T	1,2,4-Trichlorobenzene	1.030	0.996	3.3	98	0.00
94 T	Hexachlorobutadiene	0.511	0.486	4.9	99	0.00
95 T	Naphthalene	2.393	2.398	-0.2	99	0.00
96 T	1,2,3-Trichlorobenzene	0.920	0.888	3.5	99	0.00

(#) = Out of Range

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