Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012524\
Data File : VY017110.D
Acq On : 25 Jan 2024 17:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 26 10:08:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
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	84	0.00
2	T	Dichlorodifluoromethane	0.434	0.351	19.1	85	0.00
3	P	Chloromethane	0.729	0.680	6.7	93	0.00
4	C	Vinyl Chloride	0.833	0.825	1.0#	95	0.00
5	T	Bromomethane	0.621	0.614	1.1	99	0.00
6	T	Chloroethane	0.534	0.547	-2.4	97	0.00
7	T	Trichlorofluoromethane	0.966	0.870	9.9	90	0.00
8	T	Diethyl Ether	0.288	0.292	-1.4	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.559	0.528	5.5	87	-0.01
10	T	Methyl Iodide	0.531	0.512	3.6	80	0.00
11	T	Tert butyl alcohol	0.037	0.039	-5.4	102	0.00
12	CM	1,1-Dichloroethene	0.512	0.494	3.5#	88	0.00
13	T	Acrolein	0.058	0.058	0.0	88	0.00
14	T	Allyl chloride	0.774	0.782	-1.0	89	0.00
15	T	Acrylonitrile	0.125	0.136	-8.8	95	-0.01
16	T	Acetone	0.158	0.126	20.3	90	-0.01
17	T	Carbon Disulfide	1.543	1.460	5.4	85	0.00
18	T	Methyl Acetate	0.500	0.577	-15.4	97	-0.01
19	T	Methyl tert-butyl Ether	1.249	1.305	-4.5	92	0.00
20	T	Methylene Chloride	0.671	0.593	11.6	91	-0.01
21	T	trans-1,2-Dichloroethene	0.592	0.591	0.2	89	-0.01
22	T	Diisopropyl ether	1.708	1.825	-6.9	92	0.00
23	T	Vinyl Acetate	0.829	0.871	-5.1	92	0.00
24	P	1,1-Dichloroethane	1.042	1.052	-1.0	91	0.00
25	T	2-Butanone	0.194	0.181	6.7	94	0.00
26	T	2,2-Dichloropropane	0.890	0.863	3.0	87	0.00
27	T	cis-1,2-Dichloroethene	0.656	0.670	-2.1	90	0.00
28	T	Bromochloromethane	0.415	0.447	-7.7	82	0.00
29	T	Tetrahydrofuran	0.099	0.112	-13.1	96	-0.01
30	C	Chloroform	1.061	1.080	-1.8#	91	0.00
31	T	Cyclohexane	0.963	0.912	5.3	88	0.00
32	T	1,1,1-Trichloroethane	0.910	0.917	-0.8	90	0.00
33	S	1,2-Dichloroethane-d4	0.487	0.523	-7.4	89	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35	S	Dibromofluoromethane	0.302	0.311	-3.0	85	0.00
36	T	1,1-Dichloropropene	0.497	0.498	-0.2	90	0.00
37	T	Ethyl Acetate	0.213	0.226	-6.1	98	0.00
38	T	Carbon Tetrachloride	0.487	0.471	3.3	88	0.00
39	T	Methylcyclohexane	0.597	0.593	0.7	86	0.00
40	TM	Benzene	1.442	1.459	-1.2	90	0.00
41	T	Methacrylonitrile	0.114	0.111	2.6	95	0.00
42	TM	1,2-Dichloroethane	0.374	0.385	-2.9	92	0.00
43	T	Isopropyl Acetate	0.399	0.435	-9.0	95	0.00
44	TM	Trichloroethene	0.370	0.369	0.3	90	0.00
45	C	1,2-Dichloropropane	0.354	0.365	-3.1#	91	0.00
46	T	Dibromomethane	0.188	0.191	-1.6	91	0.00
47	T	Bromodichloromethane	0.478	0.486	-1.7	89	0.00
48	T	Methyl methacrylate	0.221	0.241	-9.0	92	0.00

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Instrument :
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Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
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)
49	T	1,4-Dioxane	0.002	0.002	0.0	104	-0.01
50	S	Toluene-d8	1.140	1.201	-5.4	85	0.00
51	T	4-Methyl-2-Pentanone	0.212	0.237	-11.8	97	0.00
52	CM	Toluene	0.873	0.902	-3.3#	90	0.00
53	T	t-1,3-Dichloropropene	0.437	0.459	-5.0	91	0.00
54	T	cis-1,3-Dichloropropene	0.537	0.553	-3.0	89	0.00
55	T	1,1,2-Trichloroethane	0.263	0.268	-1.9	91	0.00
56	T	Ethyl methacrylate	0.230	0.252	-9.6	92	0.00
57	T	1,3-Dichloropropane	0.444	0.461	-3.8	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.206	-29.6#	99	0.00
59	T	2-Hexanone	0.162	0.166	-2.5	96	0.00
60	T	Dibromochloromethane	0.305	0.311	-2.0	90	0.00
61	T	1,2-Dibromoethane	0.239	0.249	-4.2	93	0.00
62	S	4-Bromofluorobenzene	0.351	0.377	-7.4	86	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64	T	Tetrachloroethene	0.349	0.347	0.6	91	0.00
65	PM	Chlorobenzene	1.060	1.072	-1.1	91	0.00
66	T	1,1,1,2-Tetrachloroethane	0.387	0.394	-1.8	89	0.00
67	C	Ethyl Benzene	1.926	1.986	-3.1#	90	0.00
68	T	m/p-Xylenes	0.724	0.744	-2.8	90	0.00
69	T	o-Xylene	0.657	0.693	-5.5	90	0.00
70	T	Styrene	0.954	1.031	-8.1	90	0.00
71	P	Bromoform	0.194	0.201	-3.6	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	4.110	4.022	2.1	90	0.00
74	T	N-amyl acetate	0.829	0.883	-6.5	96	0.00
75	P	1,1,2,2-Tetrachloroethane	0.784	0.769	1.9	92	0.00
76	T	1,2,3-Trichloropropane	0.607	0.538	11.4	80	0.00
77	T	Bromobenzene	0.889	0.866	2.6	91	0.00
78	T	n-propylbenzene	4.944	4.887	1.2	89	0.00
79	T	2-Chlorotoluene	2.713	2.641	2.7	90	0.00
80	T	1,3,5-Trimethylbenzene	3.253	3.243	0.3	91	0.00
81	T	trans-1,4-Dichloro-2-butene	0.234	0.232	0.9	95	0.00
82	T	4-Chlorotoluene	2.812	2.752	2.1	90	0.00
83	T	tert-Butylbenzene	2.814	2.821	-0.2	90	0.00
84	T	1,2,4-Trimethylbenzene	3.233	3.184	1.5	89	0.00
85	T	sec-Butylbenzene	4.167	4.116	1.2	88	0.00
86	T	p-Isopropyltoluene	3.471	3.463	0.2	89	0.00
87	T	1,3-Dichlorobenzene	1.756	1.684	4.1	89	0.00
88	T	1,4-Dichlorobenzene	1.728	1.653	4.3	90	0.00
89	T	n-Butylbenzene	3.348	3.354	-0.2	89	0.00
90	T	Hexachloroethane	0.723	0.688	4.8	89	0.00
91	T	1,2-Dichlorobenzene	1.500	1.464	2.4	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.100	0.099	1.0	94	0.00
93	T	1,2,4-Trichlorobenzene	0.784	0.754	3.8	89	0.00
94	T	Hexachlorobutadiene	0.472	0.422	10.6	85	0.00
95	T	Naphthalene	1.384	1.427	-3.1	93	0.00

Evaluate Continuing Calibration Report

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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)
96 T	1,2,3-Trichlorobenzene	0.652	0.636	2.5	91	0.00

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