Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112519\
Data File : VD064355.D
Acq On : 25 Nov 2019 12:39
Operator : VA/SY
Sample : VD1125SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

Manual Integrations APPROVED
MMDadoda
11/26/2019 9:55:58 AM

Quant Time: Nov 26 05:53:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	534909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	766222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	661613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	209673	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.32%			
35) Dibromofluoromethane	7.92	113	221223	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.60%			
50) Toluene-d8	10.34	98	820574	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.92%			
62) 4-Bromofluorobenzene	12.64	95	269693	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	76339	17.208	ug/l	100
3) Chloromethane	2.21	50	94681	19.897	ug/l	99
4) Vinyl Chloride	2.35	62	116550	22.904	ug/l	98
5) Bromomethane	2.76	94	81239	25.282	ug/l	92
6) Chloroethane	2.92	64	78931	24.275	ug/l	98
7) Trichlorofluoromethane	3.27	101	204928	24.839	ug/l	100
8) Diethyl Ether	3.70	74	41549	18.316	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.08	101	90067	19.100	ug/l	97
10) Methyl Iodide	4.29	142	89305	17.948	ug/l	97
11) Tert butyl alcohol	5.26	59	25850	84.127	ug/l	99
12) 1,1-Dichloroethene	4.06	96	87164	19.393	ug/l	93
13) Acrolein	3.93	56	15586	59.959	ug/l	90
14) Allyl chloride	4.71	41	140733	17.709	ug/l	98
15) Acrylonitrile	5.43	53	93502	96.684	ug/l	98
16) Acetone	4.17	43	80609	77.345	ug/l	99
17) Carbon Disulfide	4.40	76	244803	17.489	ug/l	97
18) Methyl Acetate	4.73	43	51725	17.769	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	194402	18.117	ug/l	95
20) Methylene Chloride	4.96	84	100841	19.155	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	98176	19.279	ug/l	91
22) Diisopropyl ether	6.37	45	271753	18.430	ug/l	96
23) Vinyl Acetate	6.31	43	750937	91.362	ug/l	99
24) 1,1-Dichloroethane	6.26	63	162658	18.999	ug/l	98
25) 2-Butanone	7.23	43	118923	88.322	ug/l	96
26) 2,2-Dichloropropane	7.21	77	151797	18.079	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	104920	19.213	ug/l	98
28) Bromochloromethane	7.55	49	47635	15.981	ug/l	100
29) Tetrahydrofuran	7.57	42	74398	91.965	ug/l	97
30) Chloroform	7.71	83	175478	20.037	ug/l	97
31) Cyclohexane	7.98	56	158116	18.312	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	159903	19.069	ug/l	99
36) 1,1-Dichloropropene	8.11	75	135829	19.208	ug/l	99
37) Ethyl Acetate	7.30	43	55341	18.563	ug/l	97
38) Carbon Tetrachloride	8.10	117	144164	19.052	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.36	83	168849	18.870	ug/l		96
40) Benzene	8.35	78	369348	19.111	ug/l		99
41) Methacrylonitrile	7.53	41	31342	16.727	ug/l	#	85
42) 1,2-Dichloroethane	8.43	62	108508	18.693	ug/l		99
43) Isopropyl Acetate	8.46	43	110162	17.934	ug/l		100
44) Trichloroethene	9.11	130	111521	19.226	ug/l		98
45) 1,2-Dichloropropane	9.39	63	88974	18.914	ug/l		94
46) Dibromomethane	9.48	93	49590	19.691	ug/l		99
47) Bromodichloromethane	9.67	83	130206	19.195	ug/l		98
48) Methyl methacrylate	9.46	41	50337	16.759	ug/l		98
49) 1,4-Dioxane	9.47	88	12139	401.350	ug/l		95
51) 4-Methyl-2-Pentanone	10.23	43	262298	89.047	ug/l		100
52) Toluene	10.40	92	240264	18.906	ug/l		97
53) t-1,3-Dichloropropene	10.63	75	123736	18.207	ug/l		99
54) cis-1,3-Dichloropropene	10.09	75	143115	18.047	ug/l		95
55) 1,1,2-Trichloroethane	10.80	97	64540	18.892	ug/l		96
56) Ethyl methacrylate	10.67	69	85063	17.799	ug/l		97
57) 1,3-Dichloropropane	10.95	76	114879	19.281	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.94	63	180893	93.443	ug/l		99
59) 2-Hexanone	10.99	43	178748	85.296	ug/l		97
60) Dibromochloromethane	11.14	129	90568	18.999	ug/l		100
61) 1,2-Dibromoethane	11.25	107	66327	19.384	ug/l		99
64) Tetrachloroethene	10.88	164	98175	19.294	ug/l		94
65) Chlorobenzene	11.67	112	257498	19.139	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.75	131	96978	18.957	ug/l		99
67) Ethyl Benzene	11.75	91	473340	19.450	ug/l		100
68) m/p-Xylenes	11.86	106	354889	38.046	ug/l		98
69) o-Xylene	12.18	106	165795	19.165	ug/l		98
70) Styrene	12.20	104	283845	18.796	ug/l		99
71) Bromoform	12.37	173	54088	18.578	ug/l	#	99
73) Isopropylbenzene	12.48	105	452494	19.296	ug/l		99
74) N-amyl acetate	12.30	43	98291	17.749	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.74	83	70837	20.047	ug/l		98
76) 1,2,3-Trichloropropane	12.79	75	43995m	17.096	ug/l		
77) Bromobenzene	12.77	156	108864	19.109	ug/l		99
78) n-propylbenzene	12.83	91	529739	19.772	ug/l		100
79) 2-Chlorotoluene	12.91	91	285031	18.843	ug/l		98
80) 1,3,5-Trimethylbenzene	12.97	105	369997	19.201	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.53	75	22112	17.068	ug/l		97
82) 4-Chlorotoluene	13.01	91	292708	18.552	ug/l		98
83) tert-Butylbenzene	13.23	119	323999	19.069	ug/l		99
84) 1,2,4-Trimethylbenzene	13.27	105	365723	19.225	ug/l		99
85) sec-Butylbenzene	13.41	105	446556	19.568	ug/l		100
86) p-Isopropyltoluene	13.53	119	416633	19.204	ug/l		98
87) 1,3-Dichlorobenzene	13.53	146	204768	19.362	ug/l		99
88) 1,4-Dichlorobenzene	13.60	146	201992	19.570	ug/l		99
89) n-Butylbenzene	13.85	91	377531	19.261	ug/l		99
90) Hexachloroethane	14.12	117	75173	18.748	ug/l		98
91) 1,2-Dichlorobenzene	13.90	146	177596	19.841	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	12319	19.499	ug/l		94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	133719	19.365	ug/l	100
94) Hexachlorobutadiene	15.28	225	87381	19.592	ug/l	99
95) Naphthalene	15.41	128	220149	19.449	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	115836	19.735	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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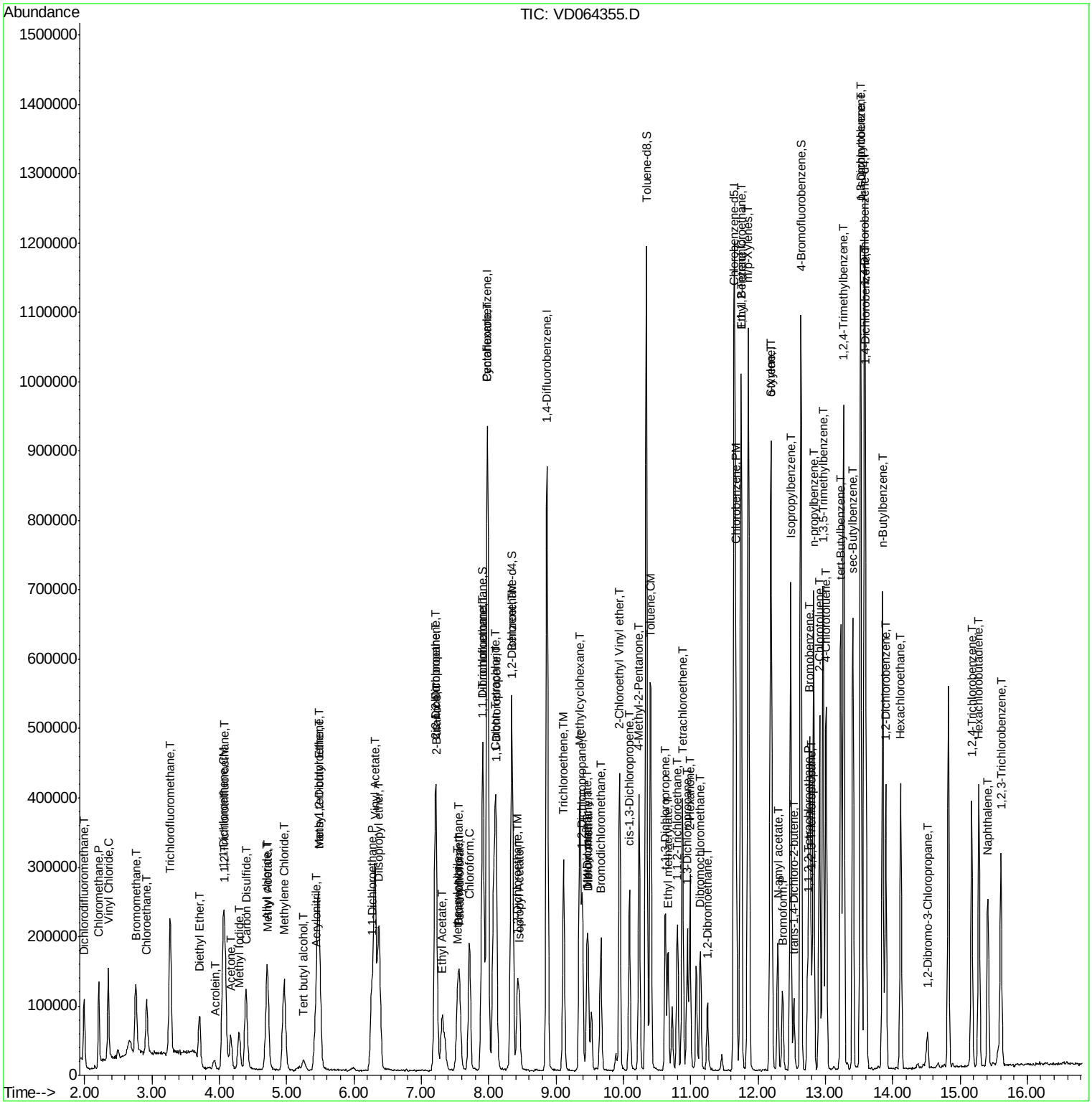
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