Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083121\
Data File : VD070276.D
Acq On : 31 Aug 2021 13:32
Operator : VA/SY
Sample : VD0831SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 01 03:58:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0831SBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	438565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	807285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	772694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	354899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	270293	52.401	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.800%			
35) Dibromofluoromethane	7.908	113	264517	50.717	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.440%			
50) Toluene-d8	10.332	98	1015262	50.048	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.100%			
62) 4-Bromofluorobenzene	12.626	95	351821	52.655	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	120441	25.502	ug/l	94
3) Chloromethane	2.209	50	153889	22.920	ug/l	99
4) Vinyl Chloride	2.344	62	173877	23.427	ug/l	99
5) Bromomethane	2.744	94	110945	25.116	ug/l	87
6) Chloroethane	2.903	64	111164	23.444	ug/l	96
7) Trichlorofluoromethane	3.262	101	203147	22.788	ug/l	97
8) Diethyl Ether	3.703	74	60453	23.696	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	131282	23.148	ug/l	98
10) Methyl Iodide	4.297	142	103088	19.880	ug/l	99
11) Tert butyl alcohol	5.185	59	142118	498.470	ug/l #	71
12) 1,1-Dichloroethene	4.061	96	117943	22.636	ug/l	98
13) Acrolein	3.920	56	20647	62.870	ug/l	99
14) Allyl chloride	4.708	41	184651	23.751	ug/l	99
15) Acrylonitrile	5.414	53	144894	122.483	ug/l	100
16) Acetone	4.150	43	124610	131.137	ug/l	98
17) Carbon Disulfide	4.403	76	400465	21.258	ug/l	99
18) Methyl Acetate	4.714	43	74003	26.121	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	255495	23.627	ug/l	98
20) Methylene Chloride	4.956	84	170508	21.718	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	133260	22.018	ug/l	96
22) Diisopropyl ether	6.361	45	405866	24.822	ug/l	99
23) Vinyl Acetate	6.303	43	909566	122.745	ug/l	98
24) 1,1-Dichloroethane	6.255	63	261649	23.389	ug/l	99
25) 2-Butanone	7.208	43	170436	131.264	ug/l	97
26) 2,2-Dichloropropane	7.202	77	219019	25.145	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	151053	23.502	ug/l	97
28) Bromochloromethane	7.550	49	100863	24.776	ug/l	97
29) Tetrahydrofuran	7.555	42	104662	123.100	ug/l	98
30) Chloroform	7.702	83	260186	23.649	ug/l	94
31) Cyclohexane	7.979	56	225139	22.051	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	213734	23.248	ug/l	99
36) 1,1-Dichloropropene	8.108	75	194410	22.385	ug/l	99
37) Ethyl Acetate	7.291	43	80428	25.496	ug/l	98
38) Carbon Tetrachloride	8.091	117	175784	22.295	ug/l	98
39) Methylcyclohexane	9.349	83	219336	21.692	ug/l	92
40) Benzene	8.349	78	575751	22.856	ug/l	97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.520	41	34618	20.298 ug/l #	88
42) 1,2-Dichloroethane	8.420	62	151404	23.452 ug/l	99
43) Isopropyl Acetate	8.449	43	144958	24.614 ug/l	98
44) Trichloroethene	9.108	130	128484	21.114 ug/l	99
45) 1,2-Dichloropropane	9.385	63	148870	22.752 ug/l	91
46) Dibromomethane	9.473	93	75261	23.682 ug/l	95
47) Bromodichloromethane	9.655	83	190629	23.185 ug/l	99
48) Methyl methacrylate	9.449	41	68027	24.223 ug/l	98
49) 1,4-Dioxane	9.461	88	17065	493.415 ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	387679	126.602 ug/l	97
52) Toluene	10.396	92	347655	22.675 ug/l	99
53) t-1,3-Dichloropropene	10.614	75	172664	23.708 ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	210438	23.806 ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	106143	23.573 ug/l	96
56) Ethyl methacrylate	10.655	69	117283	22.888 ug/l	99
57) 1,3-Dichloropropane	10.943	76	182624	23.428 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	315144	116.606 ug/l	99
59) 2-Hexanone	10.979	43	259907	126.737 ug/l	95
60) Dibromochloromethane	11.132	129	116807	22.645 ug/l	98
61) 1,2-Dibromoethane	11.238	107	93370	22.905 ug/l	97
64) Tetrachloroethene	10.873	164	105376	21.139 ug/l	94
65) Chlorobenzene	11.667	112	355896	22.045 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	127594	22.255 ug/l	99
67) Ethyl Benzene	11.738	91	636562	22.301 ug/l	99
68) m/p-Xylenes	11.849	106	493179	44.583 ug/l	98
69) o-Xylene	12.173	106	218794	21.921 ug/l	98
70) Styrene	12.185	104	392061	22.427 ug/l	99
71) Bromoform	12.355	173	60740	21.745 ug/l #	100
73) Isopropylbenzene	12.473	105	578506	22.353 ug/l	98
74) N-amyl acetate	12.279	43	136114	24.393 ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	121138	23.459 ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	80671m	22.414 ug/l	
77) Bromobenzene	12.755	156	127704	22.232 ug/l	97
78) n-propylbenzene	12.808	91	763936	22.889 ug/l	99
79) 2-Chlorotoluene	12.896	91	431702	22.481 ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	497636	22.586 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	36481	26.309 ug/l	100
82) 4-Chlorotoluene	12.996	91	460517	22.903 ug/l	100
83) tert-Butylbenzene	13.214	119	399056	22.283 ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	495502	22.671 ug/l	99
85) sec-Butylbenzene	13.390	105	645041	22.481 ug/l	98
86) p-Isopropyltoluene	13.508	119	526810	22.726 ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	271577	22.252 ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	267747	22.149 ug/l	98
89) n-Butylbenzene	13.832	91	510079	22.424 ug/l	99
90) Hexachloroethane	14.102	117	108110	22.101 ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	235867	22.554 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	17875	23.174 ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	127441	21.913 ug/l	99
94) Hexachlorobutadiene	15.249	225	73935	21.521 ug/l	99
95) Naphthalene	15.384	128	232369	21.953 ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	111843	22.031 ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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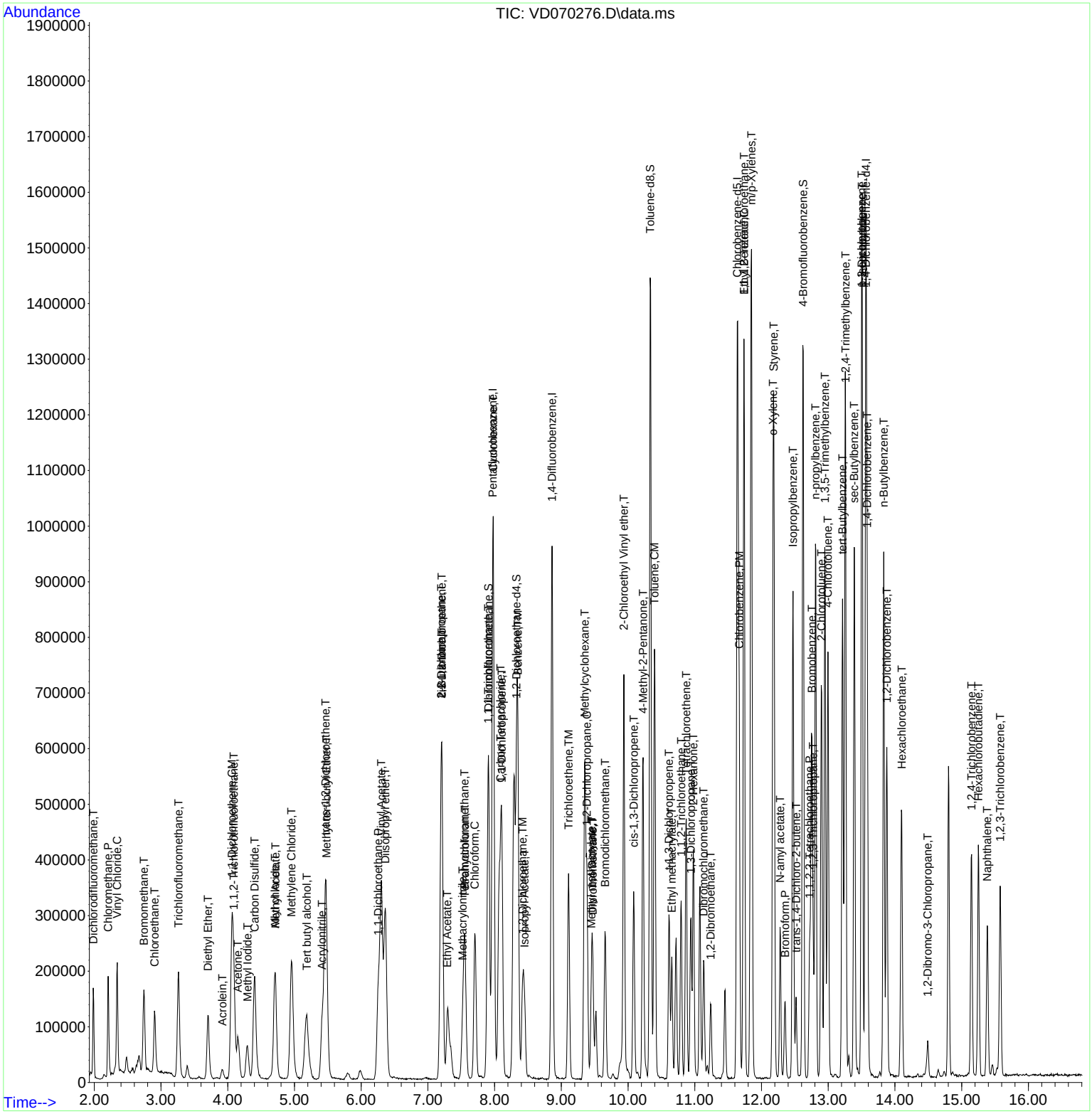
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