Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082120\
Data File : VW016295.D
Acq On : 21 Aug 2020 06:15
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
8/21/2020 11:26:00 AM

Quant Time: Aug 21 08:23:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	429768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	125918	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.34%			
35) Dibromofluoromethane	7.88	113	131366	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.08%			
50) Toluene-d8	10.32	98	515248	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.40%			
62) 4-Bromofluorobenzene	12.62	95	185080	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	81062	48.164	ug/l	97
3) Chloromethane	2.21	50	86489	48.265	ug/l	99
4) Vinyl Chloride	2.36	62	115603	46.091	ug/l	97
5) Bromomethane	2.78	94	83993	53.859	ug/l	96
6) Chloroethane	2.92	64	71737	50.646	ug/l	99
7) Trichlorofluoromethane	3.26	101	118383	58.302	ug/l	94
8) Diethyl Ether	3.68	74	72587	56.967	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	125580	47.165	ug/l	99
10) Methyl Iodide	4.26	142	217933	56.648	ug/l	99
11) Tert butyl alcohol	5.15	59	45786	356.447	ug/l	96
12) 1,1-Dichloroethene	4.04	96	137409	50.712	ug/l	98
13) Acrolein	3.89	56	46674	251.544	ug/l	100
14) Allyl chloride	4.67	41	188861	52.022	ug/l	97
15) Acrylonitrile	5.36	53	143381	298.634	ug/l	99
16) Acetone	4.11	43	114447	247.529	ug/l	99
17) Carbon Disulfide	4.38	76	402561	50.599	ug/l	99
18) Methyl Acetate	4.67	43	77483	71.965	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	217556	65.207	ug/l	98
20) Methylene Chloride	4.92	84	192374	68.843	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	157164	53.264	ug/l	95
22) Diisopropyl ether	6.31	45	381519	55.745	ug/l	98
23) Vinyl Acetate	6.25	43	1031020	263.087	ug/l	100
24) 1,1-Dichloroethane	6.21	63	258414	54.097	ug/l	100
25) 2-Butanone	7.17	43	173237	279.576	ug/l	97
26) 2,2-Dichloropropane	7.16	77	148981	48.282	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	173456	56.952	ug/l	98
28) Bromochloromethane	7.51	49	95873	52.901	ug/l	95
29) Tetrahydrofuran	7.52	42	113026	305.145	ug/l	98
30) Chloroform	7.68	83	268382	54.075	ug/l	96
31) Cyclohexane	7.95	56	206081	46.788	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	226670	54.359	ug/l	98
36) 1,1-Dichloropropene	8.09	75	208952	49.353	ug/l	99
37) Ethyl Acetate	7.25	43	76283	52.551	ug/l	97
38) Carbon Tetrachloride	8.07	117	210016	49.707	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.34	83	252631	49.538 ug/l	98
40) Benzene	8.32	78	598902	50.283 ug/l	97
41) Methacrylonitrile	7.48	41	45770	55.247 ug/l	98
42) 1,2-Dichloroethane	8.40	62	166187	52.830 ug/l	99
43) Isopropyl Acetate	8.42	43	148710	54.454 ug/l	99
44) Trichloroethene	9.09	130	170729	50.612 ug/l	90
45) 1,2-Dichloropropane	9.37	63	141380	50.356 ug/l	99
46) Dibromomethane	9.46	93	78152	53.020 ug/l	96
47) Bromodichloromethane	9.65	83	203121	53.336 ug/l	96
48) Methyl methacrylate	9.44	41	71707	56.482 ug/l	96
49) 1,4-Dioxane	9.45	88	24074	1297.034 ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	386547	279.857 ug/l	98
52) Toluene	10.39	92	392305	51.437 ug/l	97
53) t-1,3-Dichloropropene	10.61	75	192561	54.609 ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	230542	52.605 ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	112441	53.164 ug/l	98
56) Ethyl methacrylate	10.65	69	145369	60.271 ug/l	99
57) 1,3-Dichloropropane	10.93	76	193497	53.772 ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	285251	259.397 ug/l	100
59) 2-Hexanone	10.97	43	265026	280.477 ug/l	98
60) Dibromochloromethane	11.13	129	138701	55.127 ug/l	98
61) 1,2-Dibromoethane	11.24	107	110296	54.173 ug/l	98
64) Tetrachloroethene	10.87	164	147070	57.440 ug/l	95
65) Chlorobenzene	11.66	112	420506	52.576 ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	154591	55.297 ug/l	99
67) Ethyl Benzene	11.73	91	752848	52.374 ug/l	99
68) m/p-Xylenes	11.84	106	577112	104.454 ug/l	100
69) o-Xylene	12.17	106	270598	54.974 ug/l	99
70) Styrene	12.18	104	464129	54.490 ug/l	99
71) Bromoform	12.35	173	74482	59.530 ug/l #	100
73) Isopropylbenzene	12.46	105	740745	56.660 ug/l	99
74) N-amyl acetate	12.27	43	129469	55.299 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	123675	56.535 ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	84615m	53.628 ug/l	
77) Bromobenzene	12.75	156	164156	56.769 ug/l	94
78) n-propylbenzene	12.80	91	840845	53.883 ug/l	100
79) 2-Chlorotoluene	12.90	91	502956	55.795 ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	622546	55.472 ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	36550	55.565 ug/l	95
82) 4-Chlorotoluene	12.99	91	508812	54.219 ug/l	100
83) tert-Butylbenzene	13.21	119	531325	57.768 ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	618036	55.652 ug/l	100
85) sec-Butylbenzene	13.38	105	725829	54.296 ug/l	100
86) p-Isopropyltoluene	13.50	119	667718	55.225 ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	309282	53.407 ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	308261	54.059 ug/l	97
89) n-Butylbenzene	13.82	91	587095	52.487 ug/l	99
90) Hexachloroethane	14.10	117	126089	55.881 ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	270803	53.637 ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19635	58.389 ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	170837	56.742 ug/l	97
94) Hexachlorobutadiene	15.24	225	95111	53.135 ug/l	96
95) Naphthalene	15.37	128	353356	55.548 ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	157652	60.973 ug/l	96

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

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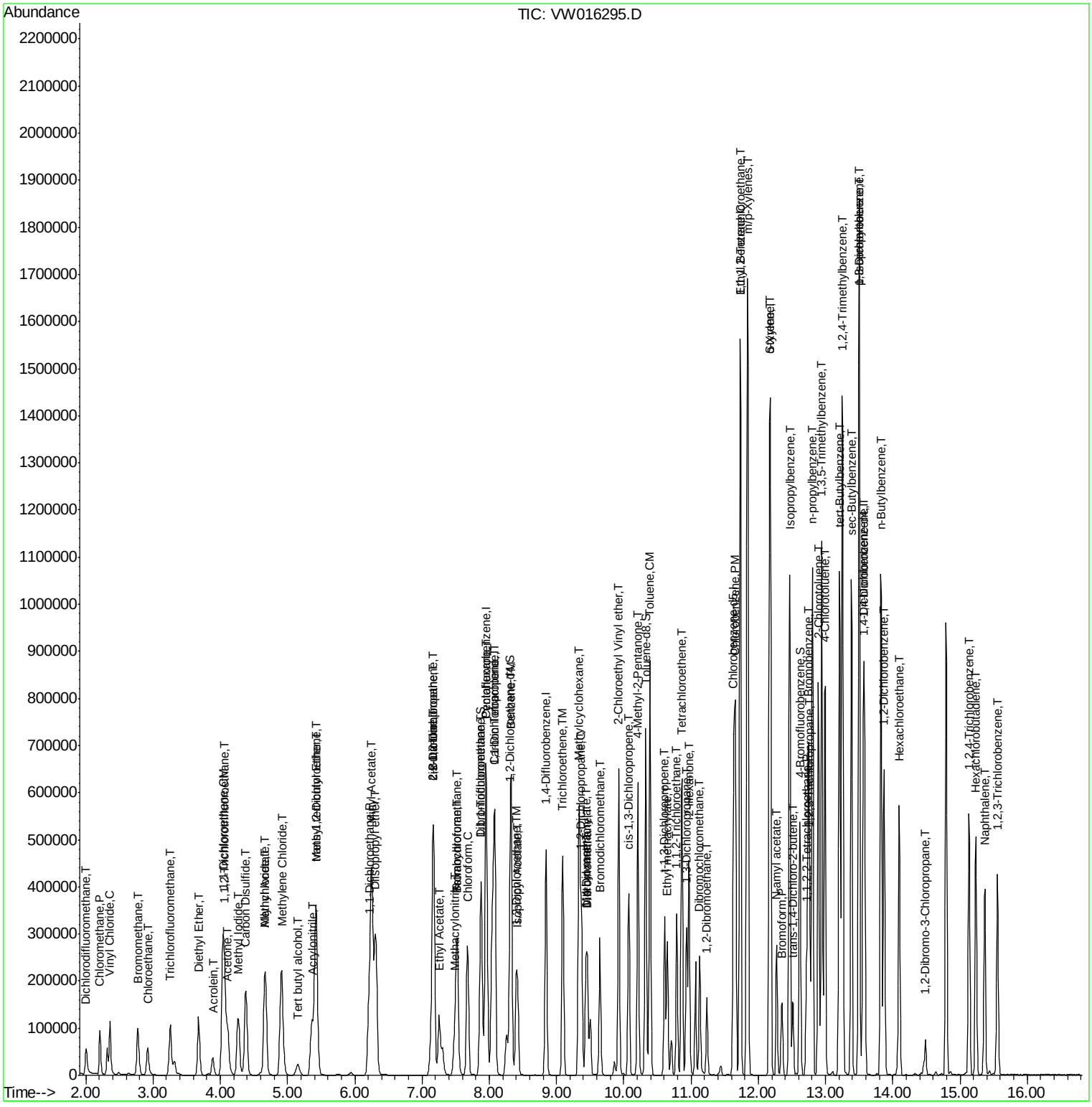
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