Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028441.D
Acq On : 08 Oct 2022 16:36
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

Quant Time: Oct 09 05:52:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 08 02:10:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	334157	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	305180	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	160629	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	100093	38.820	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.640%		
7) Chloroethane-d5	1.564	69	77650	37.981	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.960%		
11) 1,1-Dichloroethene-d2	2.105	63	178473	40.671	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.340%		
21) 2-Butanone-d5	3.892	46	182803	80.990	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.990%		
24) Chloroform-d	4.339	84	220895	46.712	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.420%		
26) 1,2-Dichloroethane-d4	5.024	65	145529	47.719	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.440%		
32) Benzene-d6	5.043	84	449379	45.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.900%		
36) 1,2-Dichloropropane-d6	6.063	67	141738	44.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.900%		
41) Toluene-d8	7.310	98	413156	47.189	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.380%		
43) trans-1,3-Dichloroprop...	7.616	79	75886	46.695	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.400%		
47) 2-Hexanone-d5	8.085	63	144998	83.601	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.600%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	183678	42.099	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.200%		
66) 1,2-Dichlorobenzene-d4	11.615	152	155549	46.735	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	138306	54.972	ug/L	99
3) Chloromethane	1.240	50	129010	45.548	ug/L	100
5) Vinyl chloride	1.307	62	126114	44.368	ug/L	99
6) Bromomethane	1.519	94	53479	41.262	ug/L	99
8) Chloroethane	1.584	64	74348	43.088	ug/L	98
9) Trichlorofluoromethane	1.751	101	179242	51.025	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	90129	45.270	ug/L	94
12) 1,1-Dichloroethene	2.114	96	88176	45.114	ug/L	92
13) Acetone	2.191	43	120180	68.735	ug/L	92
14) Carbon disulfide	2.288	76	310246	49.634	ug/L	99
15) Methyl Acetate	2.432	43	140185	47.487	ug/L	99
16) Methylene chloride	2.503	84	125318	49.339	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	113860	49.944	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	426429	50.882	ug/L	99
19) 1,1-Dichloroethane	3.182	63	228955	49.163	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	130370	50.198	ug/L	98
22) 2-Butanone	3.979	43	215268	93.393	ug/L	100
23) Bromochloromethane	4.239	128	65966	52.266	ug/L	93
25) Chloroform	4.368	83	235165	51.725	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	186204	53.454	ug/L	100
29) Cyclohexane	4.670	56	213683	48.680	ug/L	97
30) 1,1,1-Trichloroethane	4.600	97	212408	53.877	ug/L	99
31) Carbon tetrachloride	4.821	117	179061	54.257	ug/L	99
33) Benzene	5.092	78	502968	50.111	ug/L	100
34) Trichloroethene	5.908	95	125022	50.211	ug/L	99
35) Methylcyclohexane	6.124	83	220346	50.902	ug/L	98
37) 1,2-Dichloropropane	6.165	63	132089	49.087	ug/L	100
38) Bromodichloromethane	6.503	83	179450	51.187	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	211120	49.317	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	432610	94.263	ug/L	99
42) Toluene	7.381	91	530212	51.249	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	211435	51.462	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	122413	49.114	ug/L	98
46) Tetrachloroethene	7.969	164	96939	54.182	ug/L	97
48) 2-Hexanone	8.133	43	326392	92.640	ug/L	99
49) Dibromochloromethane	8.239	129	136588	50.983	ug/L	99
50) 1,2-Dibromoethane	8.345	107	127076	49.240	ug/L	100
51) Chlorobenzene	8.873	112	328236	50.568	ug/L	98
52) Ethylbenzene	9.005	91	581995	51.613	ug/L	99
53) m,p-Xylene	9.130	106	220467	51.583	ug/L	100
54) o-Xylene	9.535	106	220612	51.551	ug/L	99
55) Styrene	9.551	104	378216	51.463	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	199392	46.713	ug/L	99
59) Bromoform	9.722	173	97372	48.951	ug/L	100
60) Isopropylbenzene	9.924	105	586138	50.639	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	158307	46.294	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	509067	50.781	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	503922	50.643	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	260327	51.422	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	259664	51.403	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	260554	50.993	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	48460	46.308	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	201005	52.276	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	178942	52.799	ug/L	99
71) Naphthalene	13.490	128	502829	47.701	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	173132	52.397	ug/L	99

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

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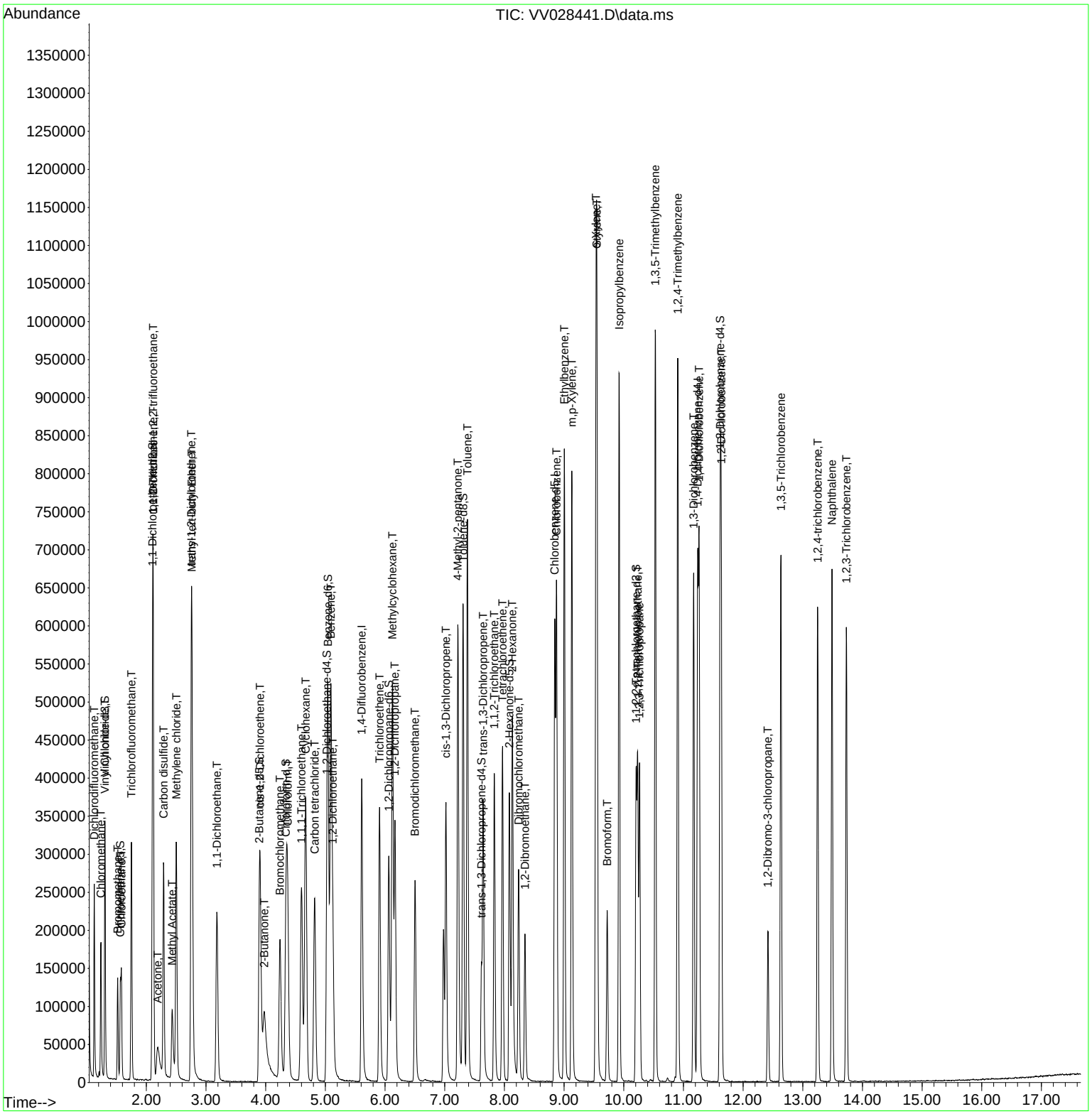
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