Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
Data File : VX033551.D
Acq On : 22 Dec 2022 18:11
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD050611

Quant Time: Dec 23 04:47:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122222WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 23 04:40:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	230308	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	208398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106736	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	57513	46.945	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.880%			
7) Chloroethane-d5	1.672	69	51977	54.248	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.500%			
11) 1,1-Dichloroethene-d2	2.312	63	97437	49.814	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.620%			
21) 2-Butanone-d5	4.458	46	93402	104.954	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.950%			
24) Chloroform-d	5.062	84	157242	51.771	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.540%			
26) 1,2-Dichloroethane-d4	5.958	65	97343	51.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.380%			
32) Benzene-d6	5.976	84	300398	50.473	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.940%			
36) 1,2-Dichloropropane-d6	7.311	67	90636	52.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.240%			
41) Toluene-d8	8.646	98	291139	50.401	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.800%			
43) trans-1,3-Dichloroprop...	8.951	79	44454	52.883	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.760%			
47) 2-Hexanone-d5	9.384	63	74980	105.187	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.190%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	127611	53.522	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.040%			
66) 1,2-Dichlorobenzene-d4	12.323	152	116625	52.673	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25652	46.148	ug/L	100
3) Chloromethane	1.294	50	32176	46.103	ug/L	99
5) Vinyl chloride	1.373	62	43032	46.661	ug/L	96
6) Bromomethane	1.617	94	27792	50.656	ug/L	97
8) Chloroethane	1.690	64	31470	51.292	ug/L	99
9) Trichlorofluoromethane	1.892	101	74561	48.852	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.330	101	46504	47.888	ug/L	99
12) 1,1-Dichloroethene	2.318	96	42557	48.735	ug/L	89
13) Acetone	2.385	43	43654	76.366	ug/L	97
14) Carbon disulfide	2.513	76	137102	51.597	ug/L	100
15) Methyl Acetate	2.702	43	57430	50.248	ug/L	98
16) Methylene chloride	2.794	84	63194	48.341	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	61605	47.629	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	204385	49.857	ug/L	99
19) 1,1-Dichloroethane	3.611	63	113038	50.352	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	74290	49.006	ug/L	99
22) 2-Butanone	4.562	43	86150	91.510	ug/L	99
23) Bromochloromethane	4.897	128	39944	49.224	ug/L	92
25) Chloroform	5.092	83	131727	50.498	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	105000	52.768	ug/L	99
29) Cyclohexane	5.476	56	98235	48.232	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	121879	50.289	ug/L	100
31) Carbon tetrachloride	5.677	117	107829	50.134	ug/L	97
33) Benzene	6.037	78	277419	50.090	ug/L	100
34) Trichloroethene	7.128	95	76218	49.353	ug/L	98
35) Methylcyclohexane	7.384	83	112278	49.607	ug/L	99
37) 1,2-Dichloropropane	7.433	63	70705	51.770	ug/L	99
38) Bromodichloromethane	7.823	83	103672	51.436	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	111060	50.048	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	175570	103.801	ug/L	100
42) Toluene	8.720	91	317884	50.782	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	108658	52.152	ug/L	98
45) 1,1,2-Trichloroethane	9.152	97	74201	50.190	ug/L	96
46) Tetrachloroethene	9.274	164	63738	48.900	ug/L	95
48) 2-Hexanone	9.433	43	134591	100.187	ug/L	99
49) Dibromochloromethane	9.524	129	89848	52.041	ug/L	96
50) 1,2-Dibromoethane	9.610	107	80926	50.709	ug/L	97
51) Chlorobenzene	10.079	112	208724	50.248	ug/L	98
52) Ethylbenzene	10.195	91	353056	51.483	ug/L	100
53) m,p-Xylene	10.305	106	139342	50.943	ug/L	100
54) o-Xylene	10.640	106	137003	51.213	ug/L	99
55) Styrene	10.658	104	234907	52.103	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	112261	51.929	ug/L	99
59) Bromoform	10.799	173	63379	50.994	ug/L	99
60) Isopropylbenzene	10.963	105	361820	51.266	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	87354	51.961	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	307575	51.303	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	305732	51.868	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	163610	50.753	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	163003	49.987	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	162761	51.162	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.944	75	23377	51.726	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	109374	50.707	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	99265	50.807	ug/L	100
71) Naphthalene	13.774	128	336550	52.723	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	100147	51.365	ug/L	99

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

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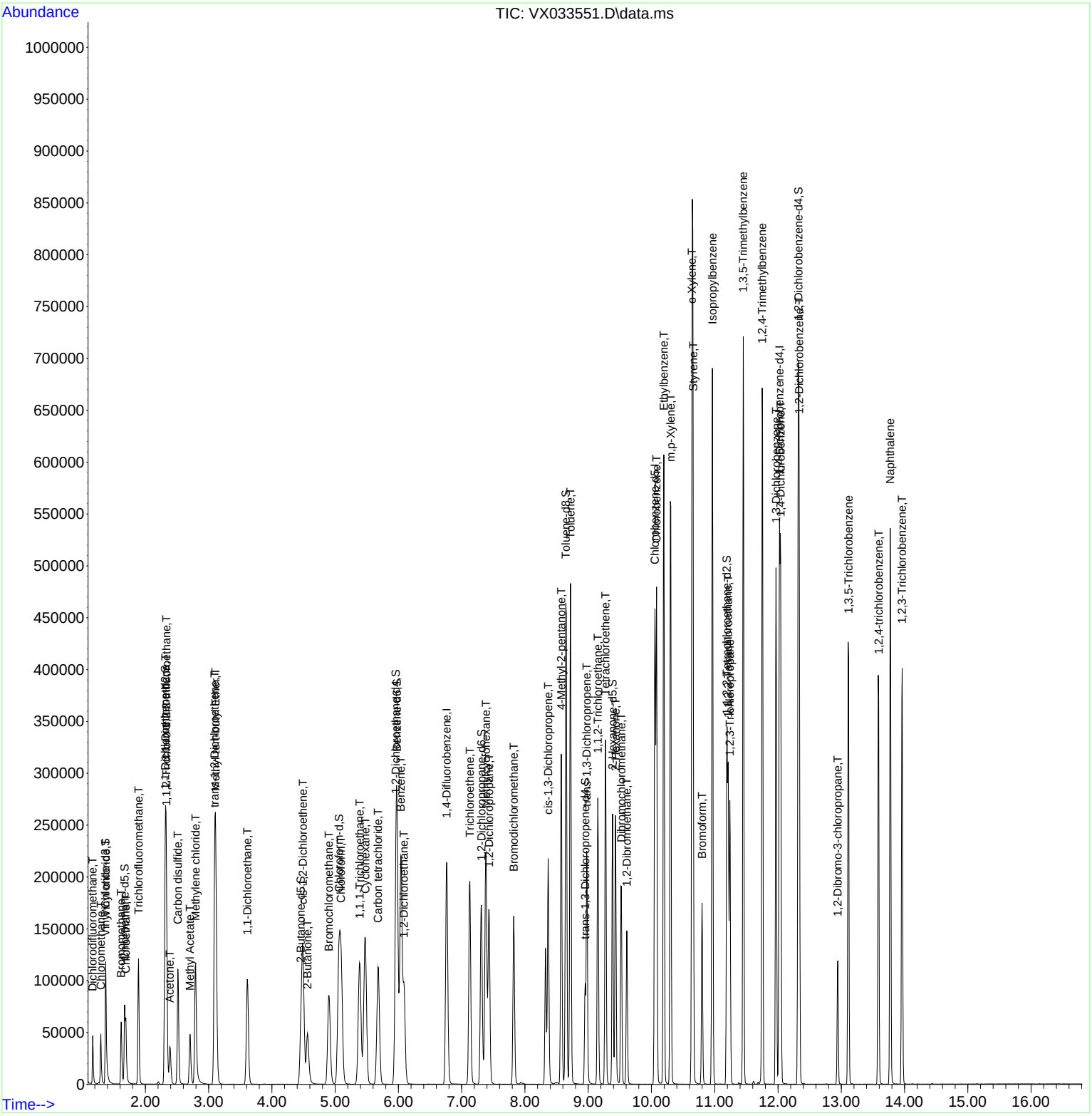
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