Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037033.D
Acq On : 26 Aug 2024 17:23
Operator : SY/MD
Sample : P3697-03MSD 10X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87MSD

Quant Time: Aug 27 02:02:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 27 01:58:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	674794	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	663059	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	332191	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	257900	41.780	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.560%			
7) Chloroethane-d5	1.529	69	211527	44.339	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.680%			
11) 1,1-Dichloroethene-d2	2.056	65	116146	44.768	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.540%			
21) 2-Butanone-d5	3.796	46	300454	125.692	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 125.690%			
24) Chloroform-d	4.243	84	475117	49.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.360%			
26) 1,2-Dichloroethane-d4	4.937	65	302814	49.773	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.540%			
32) Benzene-d6	4.953	84	958483	47.860	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.720%			
36) 1,2-Dichloropropane-d6	5.986	67	310218	49.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.920%			
41) Toluene-d8	7.236	98	872437	48.269	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.540%			
43) trans-1,3-Dichloroprop...	7.548	79	143258	49.365	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.720%			
47) 2-Hexanone-d5	8.024	63	248079	144.911	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 144.910%#			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	408127	53.647	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.300%			
66) 1,2-Dichlorobenzene-d4	11.555	152	325049	48.857	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	303756	53.269	ug/L	99
3) Chloromethane	1.217	50	332414	51.835	ug/L	99
5) Vinyl chloride	1.282	62	324984	53.982	ug/L	100
6) Bromomethane	1.484	94	182876	54.212	ug/L	100
8) Chloroethane	1.545	64	198365	53.869	ug/L	100
9) Trichlorofluoromethane	1.712	101	424977	54.093	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	250113	53.525	ug/L	99
12) 1,1-Dichloroethene	2.066	96	233558	53.052	ug/L	94
13) Acetone	2.111	43	398919	155.606	ug/L	99
14) Carbon disulfide	2.237	76	695671	52.052	ug/L	100
15) Methyl Acetate	2.372	43	276231	64.270	ug/L	99
16) Methylene chloride	2.442	84	287888	57.959	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	246695	53.978	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	824606	57.357	ug/L	100
19) 1,1-Dichloroethane	3.105	63	490882	54.085	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	274415	54.338	ug/L	99
22) 2-Butanone	3.876	43	320186	113.436	ug/L	98
23) Bromochloromethane	4.140	128	134185	54.128	ug/L	95
25) Chloroform	4.272	83	488875	53.186	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	368143	54.599	ug/L	100
29) Cyclohexane	4.571	56	422178	54.152	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	407872	53.461	ug/L	99
31) Carbon tetrachloride	4.725	117	340490	52.890	ug/L	99
33) Benzene	5.002	78	1028075	53.726	ug/L	100
34) Trichloroethene	5.828	95	262819	52.037	ug/L	98
35) Methylcyclohexane	6.040	83	436714	53.219	ug/L	98
37) 1,2-Dichloropropane	6.088	63	272124	53.046	ug/L	100
38) Bromodichloromethane	6.426	83	359156	54.624	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	441555	54.543	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	721719	138.382	ug/L	99
42) Toluene	7.310	91	1077505	54.082	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	395092	54.600	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	262050	54.874	ug/L	98
46) Tetrachloroethene	7.899	164	192063	53.000	ug/L	97
48) 2-Hexanone	8.072	43	498200	123.516	ug/L	99
49) Dibromochloromethane	8.172	129	262637	54.925	ug/L	97
50) 1,2-Dibromoethane	8.278	107	273056	56.506	ug/L	96
51) Chlorobenzene	8.809	112	701011	53.147	ug/L	100
52) Ethylbenzene	8.940	91	1225994	54.478	ug/L	98
53) m,p-Xylene	9.069	106	454344	54.490	ug/L	97
54) o-Xylene	9.474	106	449937	55.113	ug/L	97
55) Styrene	9.490	104	778624	54.965	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	416634	58.907	ug/L	100
59) Bromoform	9.661	173	179174	57.923	ug/L	98
60) Isopropylbenzene	9.863	105	1204170	55.915	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	308341	59.668	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	991767	56.288	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	993850	56.521	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	536009	53.901	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	551229	54.159	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	531954	54.403	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	85783	66.564	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	368191	53.211	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	357496	54.868	ug/L	100
71) Naphthalene	13.432	128	1250220	66.450	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	360885	56.204	ug/L	98

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

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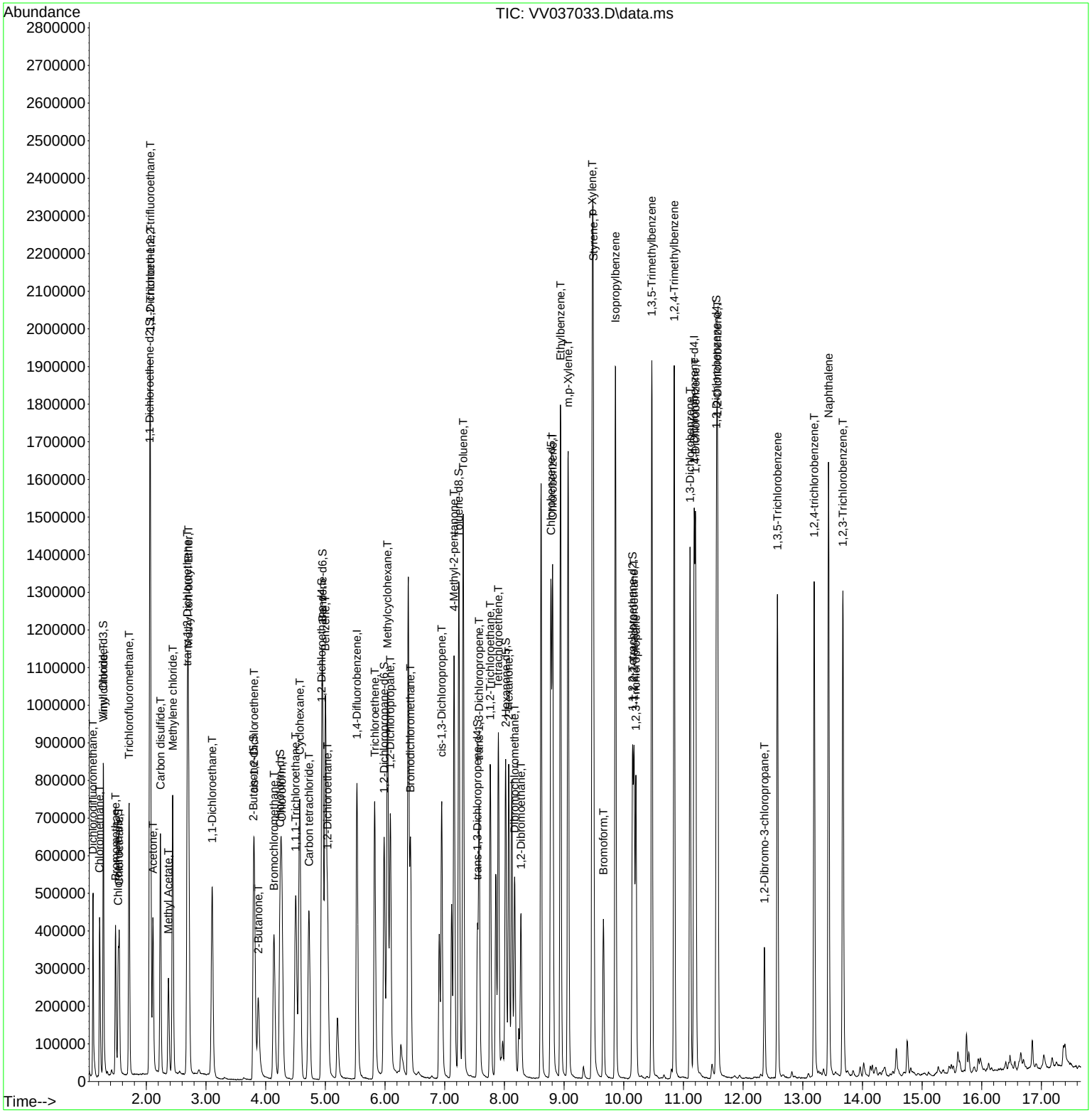
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