Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121423\
Data File : VV033324.D
Acq On : 14 Dec 2023 10:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 01:03:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD050360

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	252023	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	247059	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	156713	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80739	53.590	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.180%			
7) Chloroethane-d5	1.532	69	58264	55.503	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.000%			
11) 1,1-Dichloroethene-d2	2.060	65	30837	53.803	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.600%			
21) 2-Butanone-d5	3.783	46	67272	89.900	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.900%			
24) Chloroform-d	4.246	84	184343	57.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.320%			
26) 1,2-Dichloroethane-d4	4.937	65	117975	59.348	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.700%			
32) Benzene-d6	4.957	84	338284	58.545	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.100%			
36) 1,2-Dichloropropane-d6	5.986	67	84116	54.142	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.280%			
41) Toluene-d8	7.243	98	332218	60.271	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.540%#			
43) trans-1,3-Dichloroprop...	7.551	79	48622	49.492	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.980%			
47) 2-Hexanone-d5	8.024	63	59206	94.860	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.860%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	130213	58.960	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.920%			
66) 1,2-Dichlorobenzene-d4	11.561	152	156132	55.996	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	135550	49.205	ug/L	100
3) Chloromethane	1.214	50	87558	48.191	ug/L	98
5) Vinyl chloride	1.285	62	88642	50.871	ug/L	100
6) Bromomethane	1.487	94	53737	47.261	ug/L	96
8) Chloroethane	1.548	64	50323	54.245	ug/L	99
9) Trichlorofluoromethane	1.716	101	155400	54.046	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	72238	53.501	ug/L	95
12) 1,1-Dichloroethene	2.069	96	69431	54.951	ug/L	98
13) Acetone	2.108	43	45638	63.886	ug/L	98
14) Carbon disulfide	2.240	76	208463	45.986	ug/L	99
15) Methyl Acetate	2.368	43	59115m	49.650	ug/L	
16) Methylene chloride	2.445	84	93363	55.803	ug/L	90
17) trans-1,2-Dichloroethene	2.693	96	86823	52.336	ug/L	95
18) Methyl tert-butyl Ether	2.699	73	287159	56.981	ug/L	98
19) 1,1-Dichloroethane	3.111	63	145104	52.847	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	101498	57.661	ug/L	92
22) 2-Butanone	3.863	43	65801	72.380	ug/L	96
23) Bromochloromethane	4.146	128	58791	58.166	ug/L	88
25) Chloroform	4.275	83	180414	57.133	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	140468	56.292	ug/L	100
29) Cyclohexane	4.584	56	103872	45.519	ug/L	93
30) 1,1,1-Trichloroethane	4.510	97	171319	56.109	ug/L	97
31) Carbon tetrachloride	4.735	117	161069	56.734	ug/L	100
33) Benzene	5.008	78	347274	55.469	ug/L	100
34) Trichloroethene	5.831	95	94877	50.726	ug/L	97
35) Methylcyclohexane	6.050	83	133674	49.243	ug/L	97
37) 1,2-Dichloropropane	6.092	63	77125	53.229	ug/L	98
38) Bromodichloromethane	6.429	83	136399	58.393	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	124837	47.482	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	154304	100.301	ug/L	95
42) Toluene	7.313	91	396806	56.245	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	131352	49.407	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	99593	59.282	ug/L	99
46) Tetrachloroethene	7.905	164	88313	54.926	ug/L	97
48) 2-Hexanone	8.072	43	111447	87.376	ug/L	97
49) Dibromochloromethane	8.175	129	121339	60.503	ug/L	100
50) 1,2-Dibromoethane	8.281	107	105936	59.146	ug/L	99
51) Chlorobenzene	8.812	112	274233	55.276	ug/L	98
52) Ethylbenzene	8.947	91	444817	54.777	ug/L	99
53) m,p-Xylene	9.072	106	175158	54.467	ug/L	93
54) o-Xylene	9.477	106	177926	56.069	ug/L	98
55) Styrene	9.493	104	322974	58.834	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	135434	59.005	ug/L	99
59) Bromoform	9.664	173	99570	58.541	ug/L	99
60) Isopropylbenzene	9.866	105	480620	53.189	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	107577	55.052	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	390121	53.587	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	412102	54.354	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	256740	53.184	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	265220	52.890	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	264598	55.910	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	30411	50.719	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	200874	51.948	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	183854	51.464	ug/L	99
71) Naphthalene	13.442	128	355967	40.858	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	179238	51.995	ug/L	98

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

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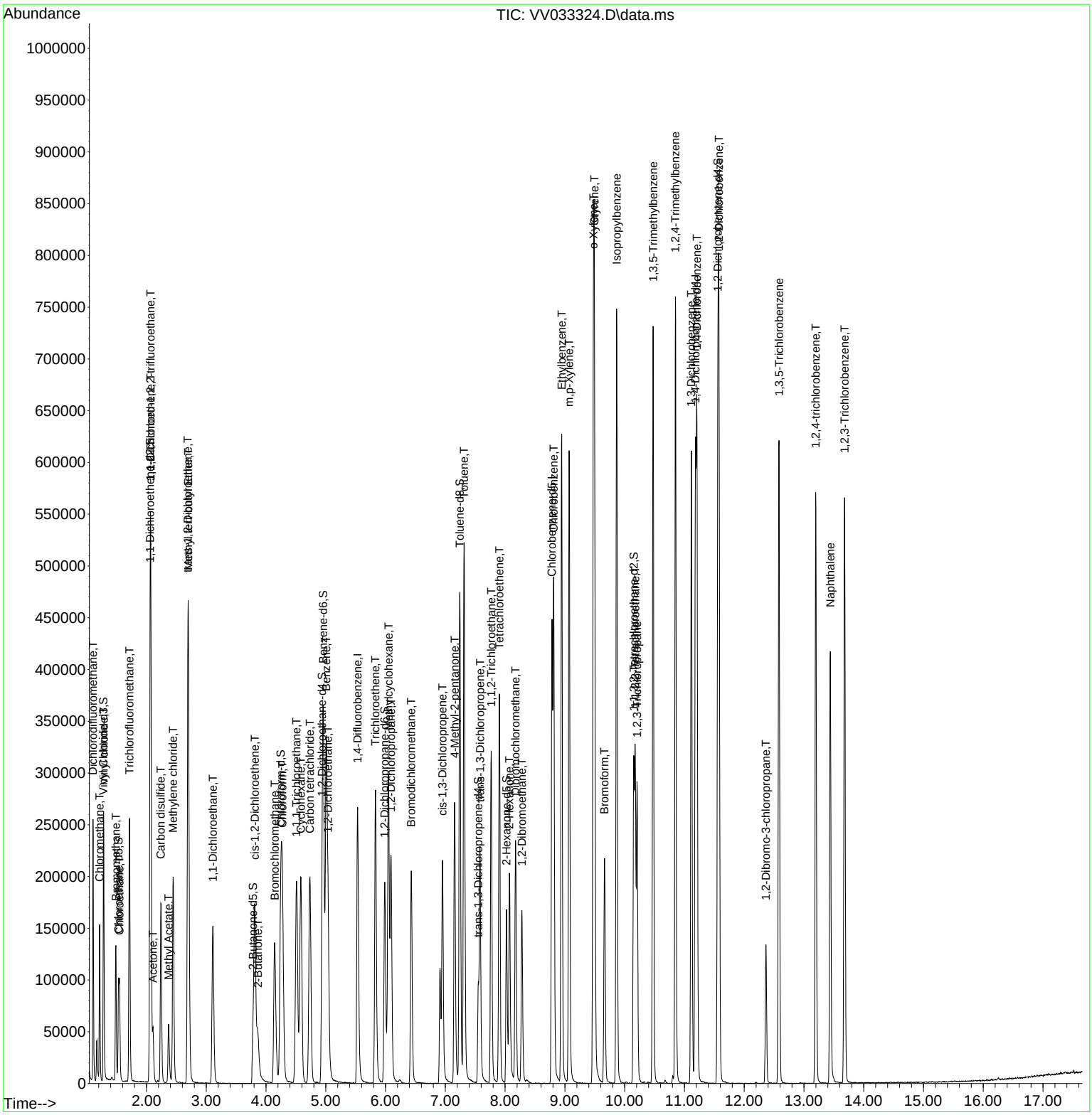
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