Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
Data File : VV037239.D
Acq On : 10 Sep 2024 09:07
Operator : SY/MD
Sample : VSTD0.568
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 04:34:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 11 04:34:16 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5268

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	309533	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	314346	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	152511	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	10201	0.562	ug/L	0.00
7) Chloroethane-d5	1.532	69	10746	0.568	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	4862	0.518	ug/L	0.00
20) 2-Butanone-d5	3.886	46	25945m	5.265	ug/L	0.07
24) Chloroform-d	4.249	84	23141	0.525	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	11062	0.536	ug/L	0.02
32) Benzene-d6	4.966	84	41627	0.494	ug/L	0.01
36) 1,2-Dichloropropane-d6	5.995	67	13060m	0.478	ug/L	0.00
41) Toluene-d8	7.246	98	37372	0.492	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.577	79	4094	0.475	ug/L	0.02
46) 2-Hexanone-d5	8.050	63	18132m	4.481	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.153	84	11968	0.560	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	15407	0.568	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	14153	0.492	ug/L	99
3) Chloromethane	1.214	50	15937	0.519	ug/L	100
5) Vinyl chloride	1.282	62	14823	0.492	ug/L	98
6) Bromomethane	1.487	94	9182	0.508	ug/L	91
8) Chloroethane	1.548	64	8489	0.468	ug/L	93
9) Trichlorofluoromethane	1.709	101	17360	0.463	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	11349	0.500	ug/L	96
12) 1,1-Dichloroethene	2.066	96	10212	0.471	ug/L	84
13) Acetone	2.150	43	19730m	5.458	ug/L	
14) Carbon disulfide	2.236	76	33159	0.485	ug/L	99
15) Methyl Acetate	2.417	43	4255m	0.499	ug/L	
16) Methylene chloride	2.446	84	13197	0.529	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	23663	0.459	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	10517	0.461	ug/L	91
19) 1,1-Dichloroethane	3.108	63	20752	0.476	ug/L	98
21) 2-Butanone	3.976	43	28414m	5.331	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	11496	0.466	ug/L	90
23) Bromochloromethane	4.159	128	5028	0.471	ug/L	95
25) Chloroform	4.278	83	20580	0.469	ug/L	94
27) 1,2-Dichloroethane	5.063	62	10886	0.438	ug/L #	94
29) 1,1,1-Trichloroethane	4.510	97	16731	0.449	ug/L	95
30) Cyclohexane	4.577	56	16129	0.446	ug/L	98
31) Carbon tetrachloride	4.728	117	14771	0.466	ug/L	98
33) Benzene	5.011	78	41696	0.440	ug/L	100
34) Trichloroethene	5.841	95	12042	0.472	ug/L	92
35) Methylcyclohexane	6.047	83	17016	0.439	ug/L	96
37) 1,2-Dichloropropane	6.101	63	11696m	0.501	ug/L	
38) Bromodichloromethane	6.439	83	13526	0.448	ug/L	98
39) cis-1,3-Dichloropropene	6.973	75	15307m	0.449	ug/L	
40) 4-Methyl-2-pentanone	7.169	43	56769m	4.147	ug/L	
42) Toluene	7.320	91	40629	0.412	ug/L	89
44) trans-1,3-Dichloropropene	7.600	75	11695m	0.421	ug/L	

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45) 1,1,2-Trichloroethane	7.776	97	7828	0.454	ug/L		97
47) Tetrachloroethene	7.905	164	8232	0.451	ug/L		87
48) 2-Hexanone	8.098	43	43717m	4.635	ug/L		
49) Dibromochloromethane	8.178	129	7610	0.421	ug/L		99
50) 1,2-Dibromoethane	8.288	107	7425	0.456	ug/L		91
51) Chlorobenzene	8.815	112	29506	0.450	ug/L		99
52) Ethylbenzene	8.947	91	46541	0.423	ug/L		96
53) m,p-Xylene	9.075	106	15358	0.380	ug/L		98
54) o-Xylene	9.477	106	16485	0.412	ug/L		95
55) Styrene	9.506	104	27233	0.401	ug/L		89
57) 1,1,2,2-Tetrachloroethane	10.178	83	9546	0.458	ug/L	#	95
59) Bromoform	9.667	173	4031	0.452	ug/L	#	90
60) Isopropylbenzene	9.866	105	44628	0.437	ug/L		98
61) 1,2,3-Trichloropropane	10.214	75	6811	0.491	ug/L		94
62) 1,3,5-Trimethylbenzene	10.474	105	33340	0.412	ug/L		98
63) 1,2,4-Trimethylbenzene	10.850	105	33425	0.411	ug/L		99
64) 1,3-Dichlorobenzene	11.120	146	22348	0.463	ug/L		96
65) 1,4-Dichlorobenzene	11.207	146	24533	0.496	ug/L		95
67) 1,2-Dichlorobenzene	11.580	146	21479	0.480	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.371	75	1337m	0.482	ug/L		
69) 1,3,5-Trichlorobenzene	12.583	180	16558	0.481	ug/L		98
70) 1,2,4-trichlorobenzene	13.201	180	12992	0.459	ug/L		94
71) Naphthalene	13.445	128	20151	0.465	ug/L		95
72) 1,2,3-Trichlorobenzene	13.683	180	10203	0.435	ug/L		97

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

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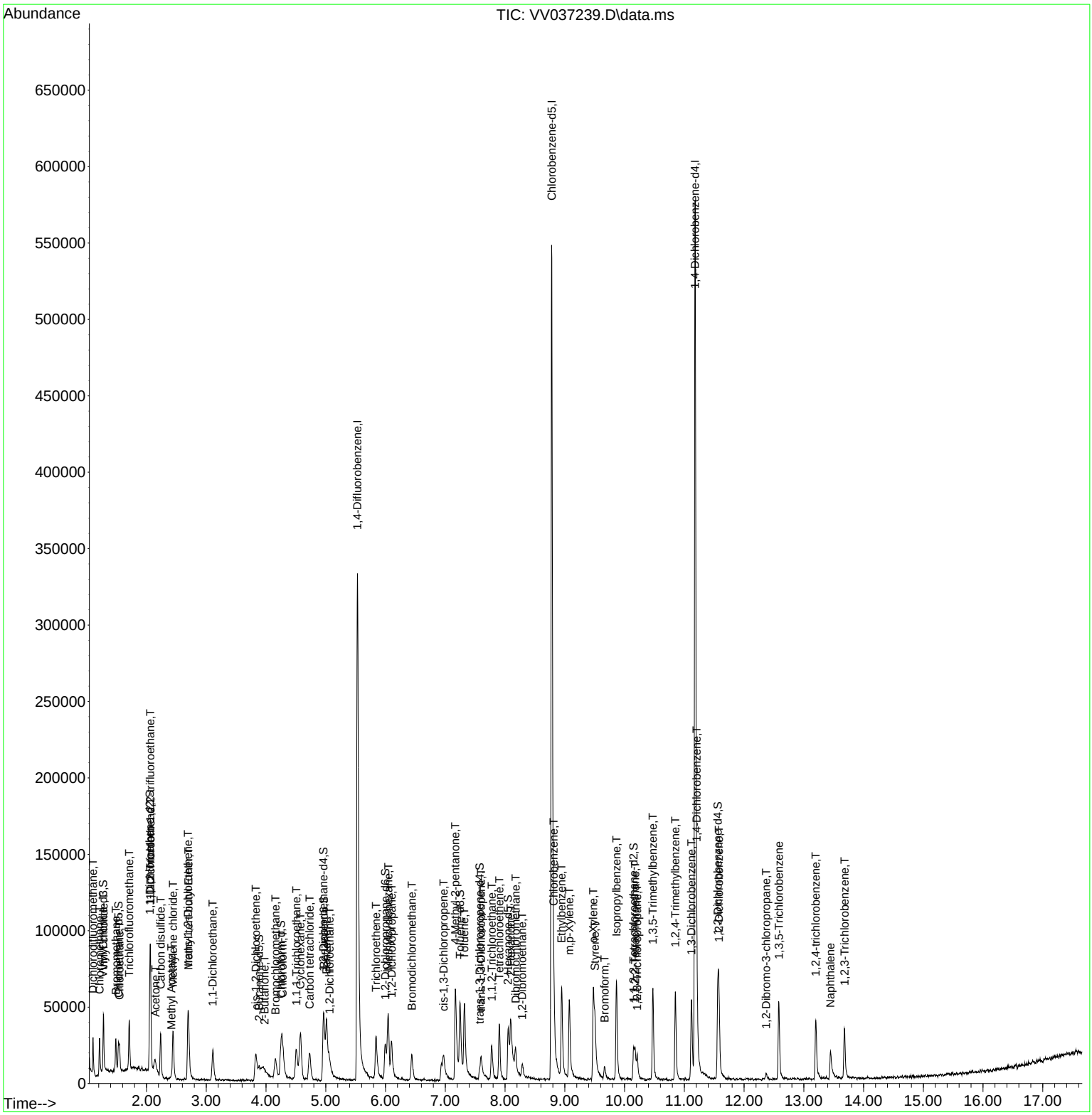
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