

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102621\
 Data File : VX024942.D
 Acq On : 26 Oct 2021 13:36
 Operator : JC/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Quant Time: Oct 27 03:02:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 02:59:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	68657	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	66220	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	32160	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	7165	3.555	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.672	69	8327	4.585	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.306	63	22792	3.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	4.483	46	38839	52.704	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.400%
24) Chloroform-d	5.068	84	47829	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.970	65	24529	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.983	84	71763	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	7.312	67	23279	4.729	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	8.653	98	69302	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.958	79	9766	4.322	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	9.391	63	39765	48.902	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.800%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18922	5.029	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	26358	4.863	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	1544	0.196	ug/L	97
3) Chloromethane	1.288	50	519	0.189	ug/L	97
5) Vinyl chloride	1.374	62	789	0.235	ug/L	99
6) Bromomethane	1.618	94	510	0.194	ug/L	89
8) Chloroethane	1.685	64	640	0.317	ug/L #	42
9) Trichlorofluoromethane	1.892	101	2293	0.229	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	1613	0.307	ug/L #	79
12) 1,1-Dichloroethene	2.313	96	1280	0.304	ug/L #	1
13) Acetone	2.398	43	1274m	2.305	ug/L	
14) Carbon disulfide	2.514	76	2395	0.208	ug/L	97
15) Methyl Acetate	2.733	43	317m	0.252	ug/L	
16) Methylene chloride	2.794	84	3239	0.662	ug/L	95
17) Methyl tert-butyl Ether	3.123	73	2564	0.212	ug/L #	88
18) trans-1,2-Dichloroethene	3.093	96	1050	0.214	ug/L #	17
19) 1,1-Dichloroethane	3.617	63	1951	0.227	ug/L #	83
21) 2-Butanone	4.587	43	1939	2.385	ug/L #	64
22) cis-1,2-Dichloroethene	4.501	96	1280	0.243	ug/L	79
23) Bromochloromethane	4.910	128	630	0.265	ug/L #	50
25) Chloroform	5.105	83	3804	0.341	ug/L	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	1426	0.209	ug/L #	83
29) 1,1,1-Trichloroethane	5.391	97	2565	0.223	ug/L #	81
30) Cyclohexane	5.489	56	1441	0.202	ug/L	97
31) Carbon tetrachloride	5.684	117	2522	0.255	ug/L	88
33) Benzene	6.050	78	4236	0.219	ug/L	100
34) Trichloroethene	7.129	95	1511	0.240	ug/L #	77
35) Methylcyclohexane	7.379	83	1867	0.212	ug/L #	87
37) 1,2-Dichloropropane	7.440	63	1481	0.313	ug/L #	92
38) Bromodichloromethane	7.830	83	1859	0.236	ug/L	95
39) cis-1,3-Dichloropropene	8.372	75	1431	0.179	ug/L #	72
40) 4-Methyl-2-pentanone	8.580	43	4201	1.994	ug/L #	80
42) Toluene	8.720	91	5684	0.251	ug/L	94
44) trans-1,3-Dichloropropene	8.982	75	1324m	0.183	ug/L	
45) 1,1,2-Trichloroethane	9.159	97	995	0.262	ug/L #	70
47) Tetrachloroethene	9.275	164	954	0.217	ug/L	93
48) 2-Hexanone	9.433	43	3190	2.074	ug/L #	94
49) Dibromochloromethane	9.525	129	986	0.198	ug/L	87
50) 1,2-Dibromoethane	9.610	107	826	0.217	ug/L #	83
51) Chlorobenzene	10.079	112	3185	0.222	ug/L #	86
52) Ethylbenzene	10.195	91	5771	0.216	ug/L	86
53) m,p-xylene	10.305	106	2102	0.222	ug/L	88
54) o-xylene	10.646	106	1749	0.189	ug/L	71
55) Styrene	10.659	104	3307	0.213	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.220	83	1078	0.246	ug/L #	79
59) Bromoform	10.805	173	434	0.195	ug/L #	89
60) Isopropylbenzene	10.963	105	5164	0.202	ug/L #	92
61) 1,2,3-Trichloropropane	11.244	75	744	0.237	ug/L #	88
62) 1,3,5-Trimethylbenzene	11.457	105	4573	0.204	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	4315	0.188	ug/L	93
64) 1,3-Dichlorobenzene	11.969	146	2425	0.228	ug/L	90
65) 1,4-Dichlorobenzene	12.049	146	2524	0.236	ug/L #	84
67) 1,2-Dichlorobenzene	12.341	146	2434	0.248	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	12.951	75	184	0.241	ug/L #	58
69) 1,3,5-Trichlorobenzene	13.116	180	1682	0.207	ug/L #	87
70) 1,2,4-trichlorobenzene	13.597	180	1252	0.195	ug/L #	89
71) Naphthalene	13.780	128	1313	0.114	ug/L #	82
72) 1,2,3-Trichlorobenzene	13.963	180	987	0.171	ug/L	94

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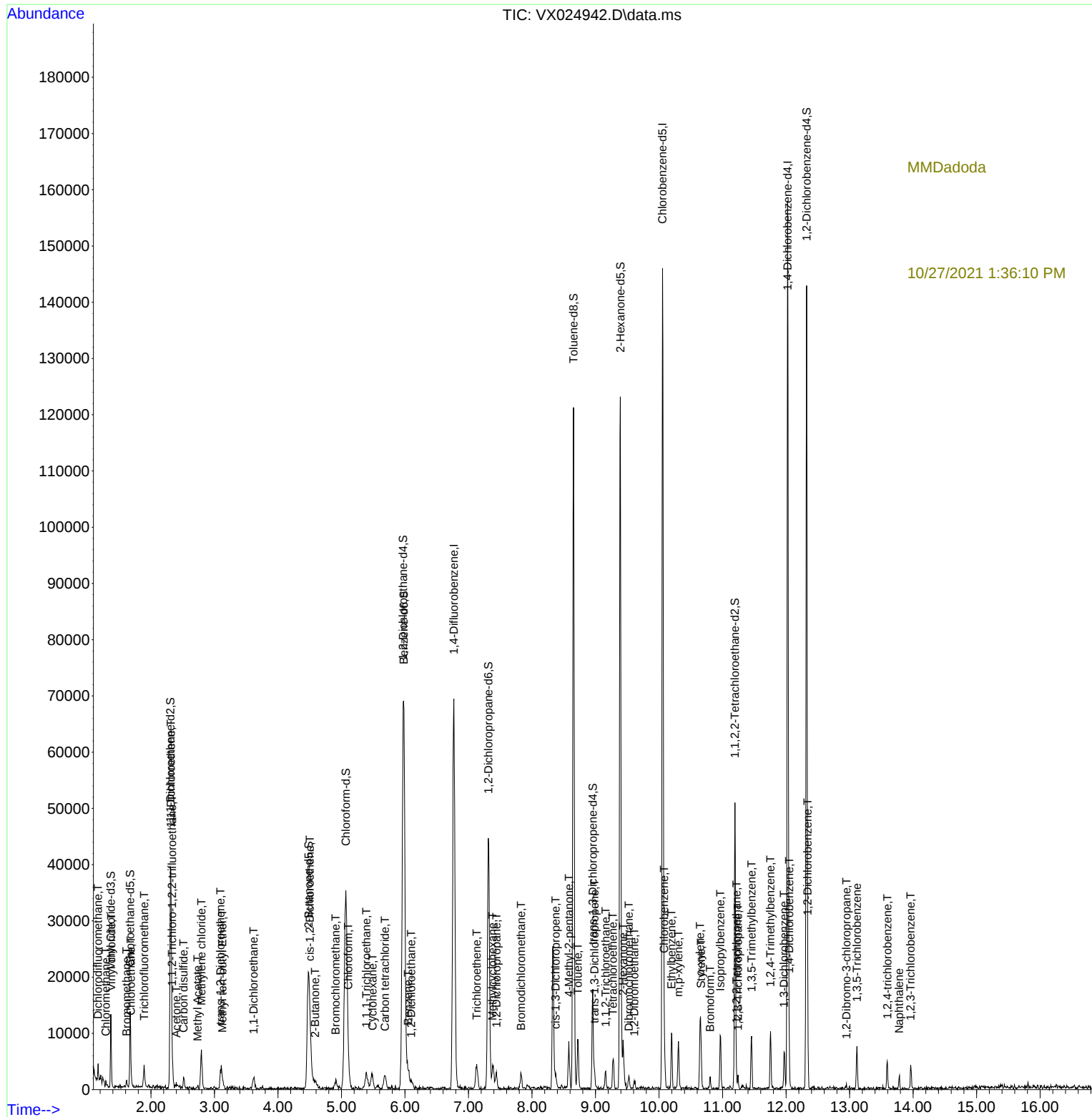
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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