Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071822\
Data File : VD073849.D
Acq On : 18 Jul 2022 15:05
Operator : VA/SY
Sample : VSTDICC010
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 01:18:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 01:16:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.967	168	134657	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.855	114	233536	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.631	117	214092	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	102174	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.320	65	17799	10.260	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 20.520%#				
35) Dibromofluoromethane	7.908	113	16916	10.349	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 20.700%#				
50) Toluene-d8	10.332	98	57366	9.711	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 19.420%#				
62) 4-Bromofluorobenzene	12.620	95	19419	8.972	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 17.940%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	14546	8.273	ug/l		99
3) Chloromethane	2.208	50	25130	12.633	ug/l		94
4) Vinyl Chloride	2.344	62	32730	16.744	ug/l		99
5) Bromomethane	2.761	94	22512	17.261	ug/l		92
6) Chloroethane	2.908	64	21686	17.287	ug/l		97
7) Trichlorofluoromethane	3.261	101	30160	10.072	ug/l		96
8) Diethyl Ether	3.708	74	7098	8.416	ug/l		86
9) 1,1,2-Trichlorotrifluo...	4.091	101	15793	8.958	ug/l	#	73
10) Methyl Iodide	4.297	142	13738	7.716	ug/l		94
11) Tert butyl alcohol	5.226	59	5835	40.342	ug/l	#	74
12) 1,1-Dichloroethene	4.055	96	14535	9.154	ug/l		81
13) Acrolein	3.920	56	4186	35.958	ug/l		90
14) Allyl chloride	4.697	41	19633	7.804	ug/l	#	81
15) Acrylonitrile	5.420	53	14233	36.164	ug/l		97
16) Acetone	4.161	43	13969	39.398	ug/l	#	85
17) Carbon Disulfide	4.402	76	46937	9.412	ug/l		99
18) Methyl Acetate	4.714	43	6903	7.010	ug/l	#	76
19) Methyl tert-butyl Ether	5.479	73	33647	8.883	ug/l		99
20) Methylene Chloride	4.955	84	33055	12.361	ug/l		90
21) trans-1,2-Dichloroethene	5.461	96	17157	9.433	ug/l	#	73
22) Diisopropyl ether	6.355	45	42708	7.785	ug/l	#	92
23) Vinyl Acetate	6.296	43	114328	37.586	ug/l	#	94
24) 1,1-Dichloroethane	6.255	63	29254	8.705	ug/l		95
25) 2-Butanone	7.208	43	19166	39.367	ug/l	#	78
26) 2,2-Dichloropropane	7.202	77	25420	8.925	ug/l		94
27) cis-1,2-Dichloroethene	7.196	96	18332	8.811	ug/l		98
28) Bromochloromethane	7.538	49	10245	8.173	ug/l	#	84
29) Tetrahydrofuran	7.567	42	11588	37.514	ug/l	#	86
30) Chloroform	7.696	83	31049	8.666	ug/l		96
31) Cyclohexane	7.973	56	26823	9.093	ug/l	#	85
32) 1,1,1-Trichloroethane	7.891	97	29454	9.532	ug/l		97
36) 1,1-Dichloropropene	8.102	75	23884	9.189	ug/l		96
37) Ethyl Acetate	7.285	43	9281	8.122	ug/l	#	95
38) Carbon Tetrachloride	8.090	117	28220	10.329	ug/l		99
39) Methylcyclohexane	9.349	83	26945	8.911	ug/l		96
40) Benzene	8.343	78	63685	8.518	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	5068	7.446	ug/l	#	89
42) 1,2-Dichloroethane	8.414	62	20502	9.074	ug/l		98
43) Isopropyl Acetate	8.443	43	17841	8.272	ug/l	#	61
44) Trichloroethene	9.102	130	17957	8.960	ug/l		99
45) 1,2-Dichloropropane	9.379	63	16338	8.443	ug/l	#	86
46) Dibromomethane	9.467	93	9419	8.655	ug/l		99
47) Bromodichloromethane	9.655	83	24608	8.835	ug/l		93
48) Methyl methacrylate	9.449	41	8015	7.643	ug/l	#	79
49) 1,4-Dioxane	9.449	88	1928	159.378	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.214	43	41156	36.939	ug/l		98
52) Toluene	10.396	92	42000	8.950	ug/l		93
53) t-1,3-Dichloropropene	10.614	75	20591	8.069	ug/l		95
54) cis-1,3-Dichloropropene	10.079	75	23972	8.071	ug/l		96
55) 1,1,2-Trichloroethane	10.790	97	11444	7.889	ug/l		96
56) Ethyl methacrylate	10.649	69	13338	7.877	ug/l		85
57) 1,3-Dichloropropane	10.937	76	19761	7.928	ug/l		99
59) 2-Hexanone	10.973	43	27766	37.180	ug/l		98
60) Dibromochloromethane	11.132	129	16104	8.670	ug/l		94
61) 1,2-Dibromoethane	11.232	107	12140	8.546	ug/l		98
64) Tetrachloroethene	10.867	164	14323	9.241	ug/l		95
65) Chlorobenzene	11.661	112	43935	9.033	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.731	131	16777	9.192	ug/l		98
67) Ethyl Benzene	11.731	91	79573	9.406	ug/l		95
68) m/p-Xylenes	11.843	106	59392	18.123	ug/l		97
69) o-Xylene	12.167	106	28881	9.456	ug/l		95
70) Styrene	12.184	104	48372	9.179	ug/l		96
71) Bromoform	12.349	173	8561	8.608	ug/l	#	99
73) Isopropylbenzene	12.467	105	74667	9.460	ug/l		99
74) N-amyl acetate	12.278	43	14793	7.794	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.714	83	14506	9.214	ug/l		92
76) 1,2,3-Trichloropropane	12.767	75	11585m	10.552	ug/l		
77) Bromobenzene	12.749	156	16804	9.027	ug/l		93
78) n-propylbenzene	12.808	91	92407	9.329	ug/l		99
79) 2-Chlorotoluene	12.896	91	52145	9.047	ug/l		98
80) 1,3,5-Trimethylbenzene	12.943	105	61949	9.258	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.514	75	4309	8.953	ug/l		94
82) 4-Chlorotoluene	12.990	91	55630	9.203	ug/l		99
83) tert-Butylbenzene	13.208	119	52715	9.259	ug/l		99
84) 1,2,4-Trimethylbenzene	13.255	105	63696	9.515	ug/l		96
85) sec-Butylbenzene	13.384	105	81612	9.496	ug/l		99
86) p-Isopropyltoluene	13.496	119	66461	9.357	ug/l		97
87) 1,3-Dichlorobenzene	13.502	146	35527	9.357	ug/l		99
88) 1,4-Dichlorobenzene	13.578	146	35439	9.399	ug/l		94
89) n-Butylbenzene	13.825	91	65736	9.632	ug/l		100
90) Hexachloroethane	14.096	117	14029	9.653	ug/l		94
91) 1,2-Dichlorobenzene	13.873	146	29903	9.073	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.484	75	2644	10.485	ug/l		93
93) 1,2,4-Trichlorobenzene	15.137	180	18917	9.691	ug/l		98
94) Hexachlorobutadiene	15.249	225	10331	9.714	ug/l		95
95) Naphthalene	15.372	128	31533	8.800	ug/l		98
96) 1,2,3-Trichlorobenzene	15.567	180	16225	9.409	ug/l		98

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

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

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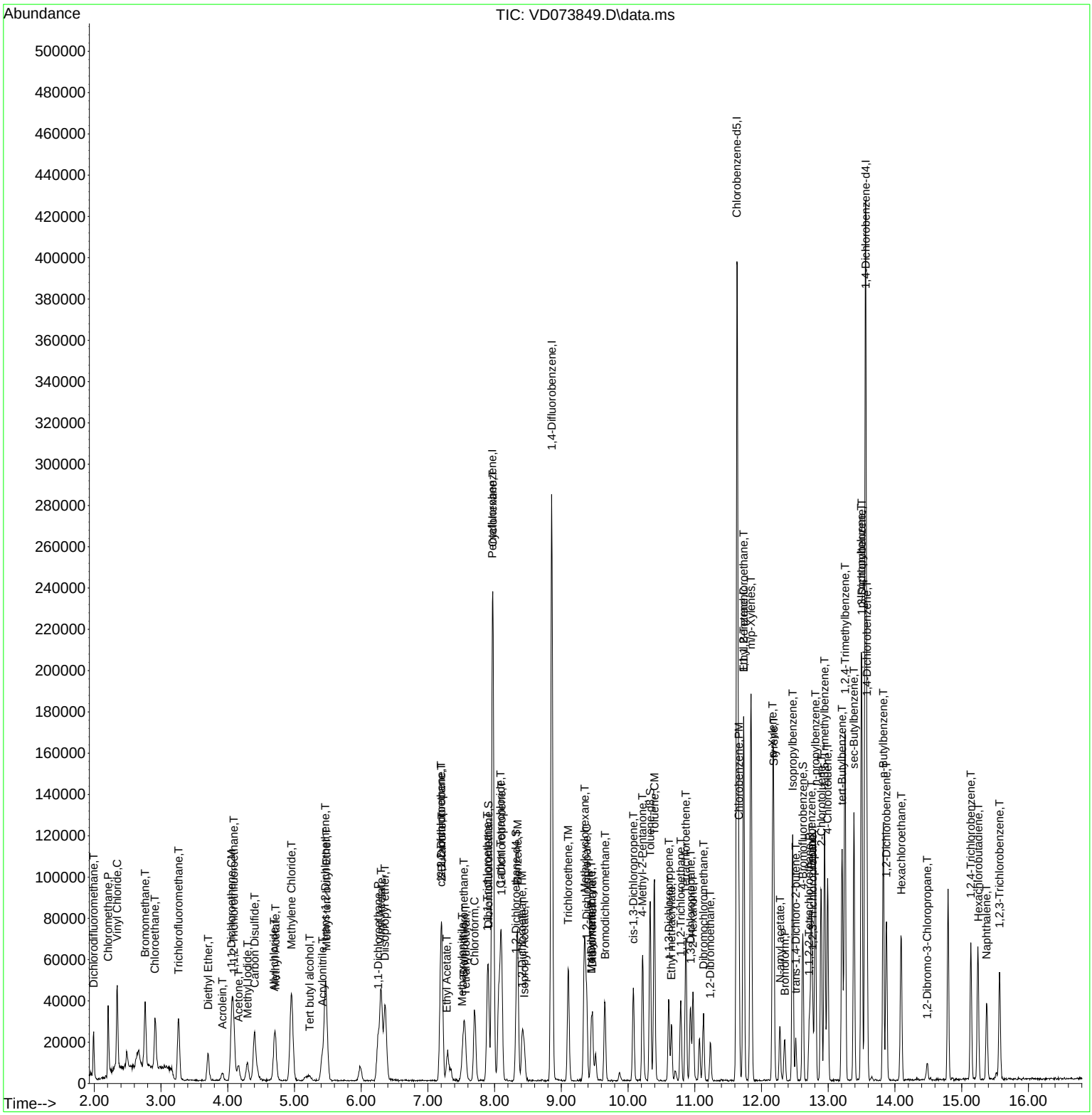
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