Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
Data File : VX029286.D
Acq On : 07 Jun 2022 19:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 08 01:55:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 01:54:29 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	180789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	297836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	19159	8.848	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	17.700%#		
35) Dibromofluoromethane	5.391	113	15122	7.371	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	14.740%#		
50) Toluene-d8	8.653	98	56275	7.573	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	15.140%#		
62) 4-Bromofluorobenzene	11.085	95	20397	7.042	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	14.080%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	15014	8.347	ug/l	99
3) Chloromethane	1.288	50	16522	8.780	ug/l	94
4) Vinyl Chloride	1.374	62	16711	8.142	ug/l	93
5) Bromomethane	1.611	94	9450	8.760	ug/l	86
6) Chloroethane	1.685	64	9947	7.944	ug/l	99
7) Trichlorofluoromethane	1.886	101	23890	7.601	ug/l	95
8) Diethyl Ether	2.136	74	9625	8.010	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	14167	7.591	ug/l	98
10) Methyl Iodide	2.453	142	11132	5.240	ug/l	92
11) Tert butyl alcohol	2.947	59	34190	62.991	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	13820	7.548	ug/l	98
13) Acrolein	2.239	56	9973	42.342	ug/l	97
14) Allyl chloride	2.666	41	21848	7.817	ug/l	94
15) Acrylonitrile	3.068	53	44750	40.381	ug/l	100
16) Acetone	2.392	43	39280	42.892	ug/l	97
17) Carbon Disulfide	2.514	76	31041	6.334	ug/l	99
18) Methyl Acetate	2.709	43	20474	8.561	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	47975	7.704	ug/l	93
20) Methylene Chloride	2.788	84	17132	8.147	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	15082	7.348	ug/l	98
22) Diisopropyl ether	3.764	45	45794	8.132	ug/l #	79
23) Vinyl Acetate	3.727	43	182381	38.587	ug/l	96
24) 1,1-Dichloroethane	3.617	63	27543	7.992	ug/l	97
25) 2-Butanone	4.574	43	59175	39.823	ug/l	95
26) 2,2-Dichloropropane	4.477	77	18937	6.951	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	18739	7.683	ug/l	93
28) Bromochloromethane	4.904	49	11057	7.972	ug/l	99
29) Tetrahydrofuran	5.019	42	38471	40.145	ug/l	93
30) Chloroform	5.099	83	29935	7.932	ug/l	99
31) Cyclohexane	5.471	56	24150	7.727	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	24950	7.361	ug/l	99
36) 1,1-Dichloropropene	5.696	75	20701	7.257	ug/l	97
37) Ethyl Acetate	4.727	43	20027	7.106	ug/l	97
38) Carbon Tetrachloride	5.678	117	20864	6.600	ug/l	96
39) Methylcyclohexane	7.379	83	25338	7.202	ug/l	98
40) Benzene	6.044	78	63378	7.517	ug/l	98

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Instrument :
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ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	11783	7.772	ug/l		96
42) 1,2-Dichloroethane	6.092	62	23477	8.151	ug/l		97
43) Isopropyl Acetate	6.354	43	32243	7.401	ug/l		96
44) Trichloroethene	7.129	130	17253	6.201	ug/l		96
45) 1,2-Dichloropropane	7.434	63	15725	7.698	ug/l		96
46) Dibromomethane	7.586	93	11234	7.176	ug/l		94
47) Bromodichloromethane	7.824	83	20110	6.576	ug/l	#	98
48) Methyl methacrylate	7.696	41	16282	7.613	ug/l		90
49) 1,4-Dioxane	7.696	88	8709	138.120	ug/l		97
51) 4-Methyl-2-Pentanone	8.580	43	110919	38.165	ug/l		95
52) Toluene	8.720	92	40748	7.264	ug/l		95
53) t-1,3-Dichloropropene	8.982	75	17405	5.551	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	20906	6.023	ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	16162	6.980	ug/l		95
56) Ethyl methacrylate	9.122	69	21766	6.507	ug/l		90
57) 1,3-Dichloropropane	9.311	76	27971	7.521	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	55967	35.566	ug/l		99
59) 2-Hexanone	9.433	43	84218	37.352	ug/l		92
60) Dibromochloromethane	9.525	129	14424	5.659	ug/l		96
61) 1,2-Dibromoethane	9.610	107	17462	6.979	ug/l		96
64) Tetrachloroethene	9.275	164	14774	5.955	ug/l		94
65) Chlorobenzene	10.079	112	43179	6.306	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	14452	5.533	ug/l		98
67) Ethyl Benzene	10.195	91	74705	6.401	ug/l		99
68) m/p-Xylenes	10.305	106	57922	12.451	ug/l		95
69) o-Xylene	10.646	106	27338	5.966	ug/l		93
70) Styrene	10.659	104	45176	5.922	ug/l		98
71) Bromoform	10.805	173	9452	4.348	ug/l	#	96
73) Isopropylbenzene	10.963	105	73143	5.794	ug/l		97
74) N-amyl acetate	10.848	43	23108	5.563	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.213	83	25922	6.112	ug/l		100
76) 1,2,3-Trichloropropane	11.244	75	22445m	5.896	ug/l		
77) Bromobenzene	11.201	156	16415	4.989	ug/l		91
78) n-propylbenzene	11.305	91	81149	5.757	ug/l		100
79) 2-Chlorotoluene	11.366	91	51234	5.772	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	61296	5.681	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.024	75	4905	3.856	ug/l	#	66
82) 4-Chlorotoluene	11.457	91	58470	5.753	ug/l		98
83) tert-Butylbenzene	11.719	119	59102	5.403	ug/l		93
84) 1,2,4-Trimethylbenzene	11.756	105	61920	5.762	ug/l		95
85) sec-Butylbenzene	11.890	105	72075	5.568	ug/l		100
86) p-Isopropyltoluene	12.012	119	59385	5.292	ug/l		96
87) 1,3-Dichlorobenzene	11.969	146	31913	5.146	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	32412	5.079	ug/l		92
89) n-Butylbenzene	12.335	91	47774	5.200	ug/l		98
90) Hexachloroethane	12.542	117	8447	4.249	ug/l		85
91) 1,2-Dichlorobenzene	12.335	146	31643	5.174	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4631	4.945	ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	16925	4.462	ug/l		98
94) Hexachlorobutadiene	13.725	225	7261	4.241	ug/l		95
95) Naphthalene	13.780	128	58579	4.752	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	17788	4.754	ug/l		96

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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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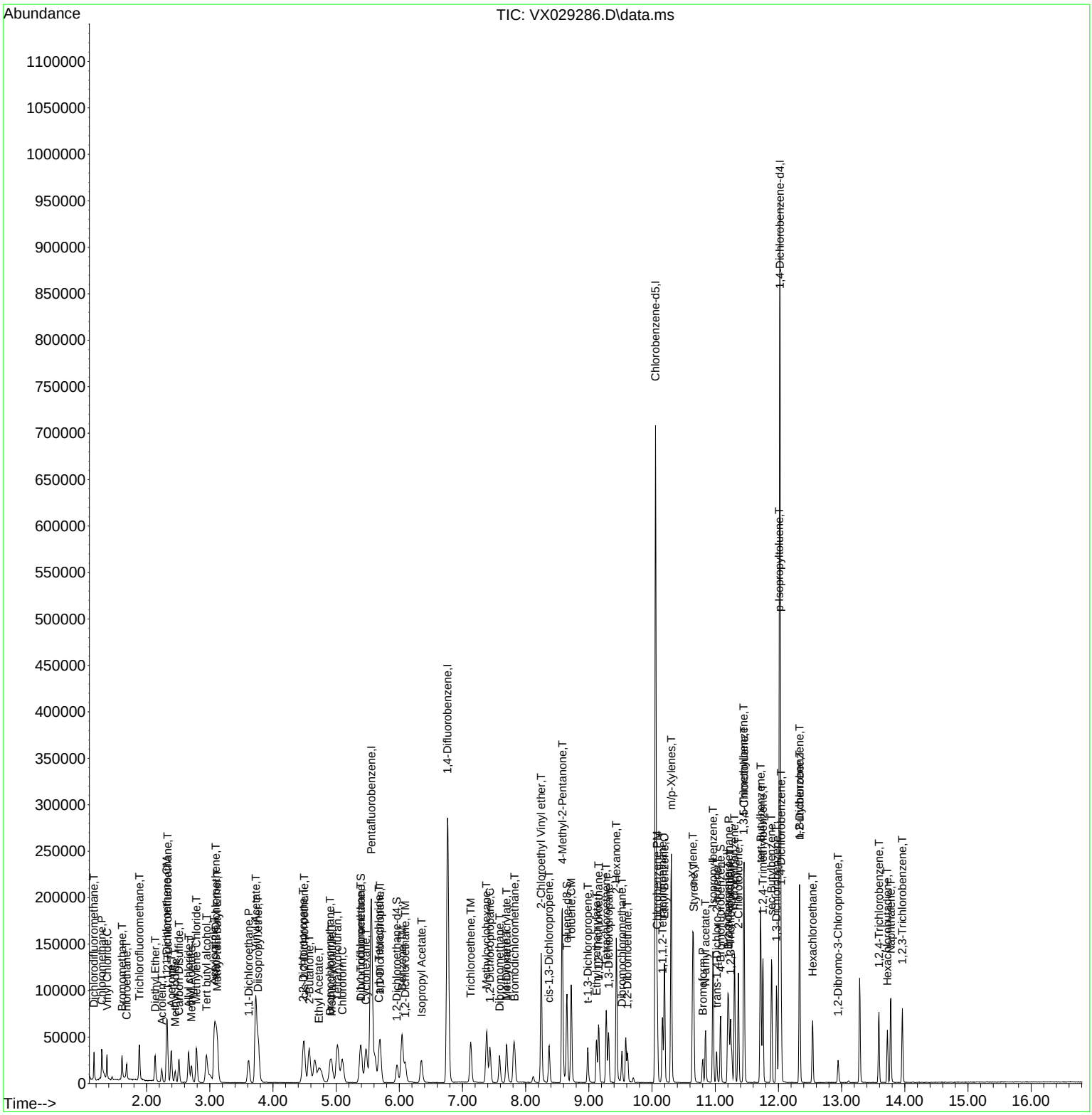
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