Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
Data File : VD072943.D
Acq On : 11 May 2022 21:05
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/12/2022
Supervised By :Semsettin Yesilyurt 05/12/2022

Quant Time: May 12 04:16:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	237407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	413155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	406723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	206622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	174142	56.508	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.020%			
35) Dibromofluoromethane	7.908	113	165388	56.998	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.000%			
50) Toluene-d8	10.332	98	563715	54.159	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.320%			
62) 4-Bromofluorobenzene	12.620	95	217846	56.131	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	168081	51.234	ug/l	97
3) Chloromethane	2.209	50	170316	49.920	ug/l	100
4) Vinyl Chloride	2.344	62	157271	51.372	ug/l	95
5) Bromomethane	2.762	94	109099	58.189	ug/l	99
6) Chloroethane	2.915	64	102651	53.800	ug/l	99
7) Trichlorofluoromethane	3.268	101	299291	55.829	ug/l	98
8) Diethyl Ether	3.709	74	92177	59.976	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	180130	56.597	ug/l	97
10) Methyl Iodide	4.297	142	170761	53.463	ug/l	100
11) Tert butyl alcohol	5.214	59	76924	288.501	ug/l #	86
12) 1,1-Dichloroethene	4.067	96	164387	57.424	ug/l	88
13) Acrolein	3.915	56	37638	200.009	ug/l	94
14) Allyl chloride	4.709	41	279889	60.559	ug/l	93
15) Acrylonitrile	5.414	53	226098	309.552	ug/l	97
16) Acetone	4.156	43	162308	283.243	ug/l	96
17) Carbon Disulfide	4.403	76	466744	51.854	ug/l	98
18) Methyl Acetate	4.714	43	100570	60.022	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	433810	63.213	ug/l	98
20) Methylene Chloride	4.956	84	227144	63.295	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	194289	59.178	ug/l	90
22) Diisopropyl ether	6.361	45	623244	61.301	ug/l	90
23) Vinyl Acetate	6.303	43	1763393	313.975	ug/l	95
24) 1,1-Dichloroethane	6.261	63	367997	60.245	ug/l	98
25) 2-Butanone	7.208	43	264747	294.845	ug/l	93
26) 2,2-Dichloropropane	7.203	77	294223	56.977	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	232076	61.718	ug/l	91
28) Bromochloromethane	7.544	49	139221	61.119	ug/l	84
29) Tetrahydrofuran	7.556	42	179811	314.170	ug/l	92
30) Chloroform	7.703	83	389137	60.208	ug/l	97
31) Cyclohexane	7.979	56	290184	53.866	ug/l	87
32) 1,1,1-Trichloroethane	7.897	97	329609	59.837	ug/l	96
36) 1,1-Dichloropropene	8.103	75	272070	57.665	ug/l	96
37) Ethyl Acetate	7.291	43	132973	61.308	ug/l	97
38) Carbon Tetrachloride	8.091	117	283148	57.813	ug/l	99
39) Methylcyclohexane	9.350	83	311204	56.865	ug/l	99
40) Benzene	8.344	78	809799	59.434	ug/l	100

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Reviewed By :Mahesh Dadoda 05/12/2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	66532	51.517	ug/l	#	79
42) 1,2-Dichloroethane	8.420	62	239034	58.217	ug/l		98
43) Isopropyl Acetate	8.450	43	240233	60.009	ug/l	#	93
44) Trichloroethene	9.108	130	210011	57.613	ug/l		97
45) 1,2-Dichloropropane	9.379	63	212221	59.309	ug/l		96
46) Dibromomethane	9.467	93	118373	59.971	ug/l		99
47) Bromodichloromethane	9.655	83	302600	59.594	ug/l		98
48) Methyl methacrylate	9.450	41	126339	64.510	ug/l		90
49) 1,4-Dioxane	9.455	88	28042	1261.619	ug/l		94
51) 4-Methyl-2-Pentanone	10.220	43	649519	312.235	ug/l		94
52) Toluene	10.397	92	520485	61.238	ug/l		97
53) t-1,3-Dichloropropene	10.608	75	276755	59.338	ug/l		99
54) cis-1,3-Dichloropropene	10.079	75	322942	59.598	ug/l		90
55) 1,1,2-Trichloroethane	10.791	97	161648	60.580	ug/l		98
56) Ethyl methacrylate	10.649	69	208445	66.347	ug/l		86
57) 1,3-Dichloropropane	10.938	76	279291	60.994	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.932	63	497478	326.595	ug/l		98
59) 2-Hexanone	10.973	43	437429	312.504	ug/l		94
60) Dibromochloromethane	11.126	129	203673	60.634	ug/l		100
61) 1,2-Dibromoethane	11.238	107	153125	58.958	ug/l		97
64) Tetrachloroethene	10.867	164	168944	56.814	ug/l		98
65) Chlorobenzene	11.661	112	554608	58.955	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.732	131	216431	61.218	ug/l		97
67) Ethyl Benzene	11.738	91	982052	60.321	ug/l		98
68) m/p-Xylenes	11.844	106	757622	120.809	ug/l		100
69) o-Xylene	12.167	106	359663	61.408	ug/l		97
70) Styrene	12.185	104	638134	62.885	ug/l		97
71) Bromoform	12.349	173	117598	61.375	ug/l	#	100
73) Isopropylbenzene	12.467	105	947297	58.927	ug/l		100
74) N-amyl acetate	12.279	43	240396	60.048	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.714	83	185643	57.207	ug/l		100
76) 1,2,3-Trichloropropane	12.767	75	127797m	55.468	ug/l		
77) Bromobenzene	12.749	156	222731	58.346	ug/l		94
78) n-propylbenzene	12.808	91	1186397	58.556	ug/l		99
79) 2-Chlorotoluene	12.896	91	682556	57.670	ug/l		98
80) 1,3,5-Trimethylbenzene	12.943	105	805570	59.098	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.514	75	58519	58.408	ug/l		89
82) 4-Chlorotoluene	12.991	91	712794	57.640	ug/l		100
83) tert-Butylbenzene	13.208	119	678435	58.542	ug/l		98
84) 1,2,4-Trimethylbenzene	13.255	105	800505	58.752	ug/l		100
85) sec-Butylbenzene	13.385	105	1046033	59.846	ug/l		99
86) p-Isopropyltoluene	13.502	119	844966	58.962	ug/l		99
87) 1,3-Dichlorobenzene	13.502	146	430973	56.042	ug/l		98
88) 1,4-Dichlorobenzene	13.579	146	434334	56.715	ug/l		99
89) n-Butylbenzene	13.826	91	818895	58.989	ug/l		99
90) Hexachloroethane	14.096	117	171179	58.308	ug/l		97
91) 1,2-Dichlorobenzene	13.873	146	391231	58.374	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	29654	57.647	ug/l		93
93) 1,2,4-Trichlorobenzene	15.137	180	220078	55.447	ug/l		96
94) Hexachlorobutadiene	15.243	225	122835	56.666	ug/l		98
95) Naphthalene	15.379	128	450957	61.795	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	204364	58.083	ug/l		100

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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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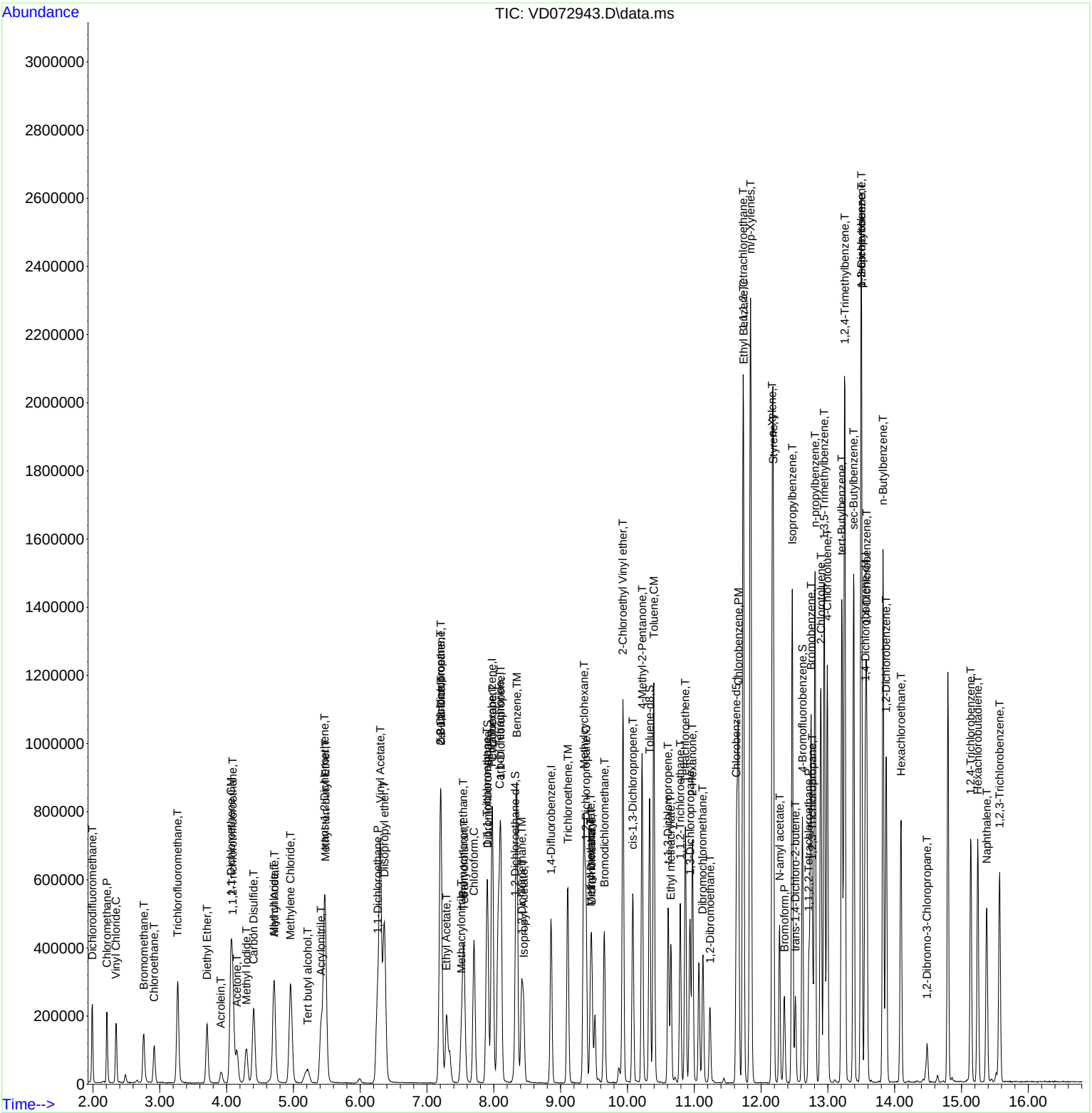
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