Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062724\
Data File : VN082737.D
Acq On : 27 Jun 2024 23:37
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/28/2024
Supervised By :Mahesh Dadoda 06/28/2024

Quant Time: Jun 28 05:53:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 05:53:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	87020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	160754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	141047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	52351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#		
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#		
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 64 - 133		Recovery =	0.000%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	1329	1.000	ug/l	96
3) Chloromethane	2.365	50	1725	1.241	ug/l	92
4) Vinyl Chloride	2.518	62	1389	0.943	ug/l #	77
6) Chloroethane	3.124	64	1044	1.005	ug/l	97
7) Trichlorofluoromethane	3.500	101	1904	1.043	ug/l #	75
8) Diethyl Ether	3.959	74	473	0.828	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	4.383	101	1045m	1.003	ug/l	
12) 1,1-Dichloroethene	4.342	96	989	1.018	ug/l #	74
13) Acrolein	4.171	56	484	3.530	ug/l #	36
14) Allyl chloride	5.024	41	1557	1.066	ug/l #	75
15) Acrylonitrile	5.730	53	2866	5.026	ug/l #	35
16) Acetone	4.442	43	2968	5.837	ug/l	93
17) Carbon Disulfide	4.712	76	4053	1.273	ug/l #	75
18) Methyl Acetate	5.036	43	1480	1.095	ug/l #	56
19) Methyl tert-butyl Ether	5.800	73	3123	0.969	ug/l #	84
20) Methylene Chloride	5.289	84	1708	1.328	ug/l #	78
21) trans-1,2-Dichloroethene	5.794	96	1043	0.995	ug/l #	86
22) Diisopropyl ether	6.671	45	2727	0.803	ug/l #	82
23) Vinyl Acetate	6.618	43	11579	4.269	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	1929	0.935	ug/l #	83
25) 2-Butanone	7.482	43	3748m	4.807	ug/l	
26) 2,2-Dichloropropane	7.500	77	1259	0.951	ug/l #	66
27) cis-1,2-Dichloroethene	7.500	96	1155m	0.936	ug/l	
28) Bromochloromethane	7.806	49	1059	1.174	ug/l #	90
29) Tetrahydrofuran	7.841	42	2226	4.444	ug/l	97
30) Chloroform	7.965	83	2303	1.047	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	1929	0.994	ug/l #	50
36) 1,1-Dichloropropene	8.377	75	1285	0.845	ug/l #	86
37) Ethyl Acetate	7.571	43	1519	0.924	ug/l #	79
38) Carbon Tetrachloride	8.365	117	1789	1.005	ug/l #	89
39) Methylcyclohexane	9.612	83	1381	0.874	ug/l #	75
40) Benzene	8.612	78	5072	1.016	ug/l	92
41) Methacrylonitrile	7.788	41	736	0.868	ug/l #	38
42) 1,2-Dichloroethane	8.671	62	1928	1.076	ug/l #	78
43) Isopropyl Acetate	8.700	43	4899	1.214	ug/l #	71
44) Trichloroethene	9.353	130	1272	1.098	ug/l	85

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 05:53:15 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
45)	1,2-Dichloropropane	9.624	63	1140	0.943 ug/l		95
46)	Dibromomethane	9.712	93	824	0.933 ug/l		94
47)	Bromodichloromethane	9.894	83	1646	0.914 ug/l	#	96
48)	Methyl methacrylate	9.682	41	1188	0.939 ug/l	#	84
49)	1,4-Dioxane	9.712	88	370	14.652 ug/l	#	55
51)	4-Methyl-2-Pentanone	10.447	43	7038	4.185 ug/l		97
52)	Toluene	10.635	92	2440	0.833 ug/l		96
53)	t-1,3-Dichloropropene	10.841	75	1532	0.900 ug/l		93
54)	cis-1,3-Dichloropropene	10.318	75	1545	0.863 ug/l		94
55)	1,1,2-Trichloroethane	11.018	97	974	0.857 ug/l	#	89
56)	Ethyl methacrylate	10.876	69	1363	0.798 ug/l	#	83
57)	1,3-Dichloropropane	11.170	76	1867	0.935 ug/l	#	83
58)	2-Chloroethyl Vinyl ether	10.165	63	3501	4.066 ug/l		99
59)	2-Hexanone	11.200	43	4990	4.002 ug/l		91
60)	Dibromochloromethane	11.359	129	1272	0.923 ug/l		92
61)	1,2-Dibromoethane	11.470	107	1155	0.967 ug/l		92
64)	Tetrachloroethene	11.106	164	1047	0.991 ug/l	#	84
65)	Chlorobenzene	11.894	112	3104	0.981 ug/l		98
66)	1,1,1,2-Tetrachloroethane	11.965	131	1036	0.942 ug/l	#	65
67)	Ethyl Benzene	11.965	91	4783	0.916 ug/l		99
68)	m/p-Xylenes	12.070	106	2827	1.455 ug/l		91
69)	o-Xylene	12.400	106	1612	0.861 ug/l		83
70)	Styrene	12.412	104	2568	0.808 ug/l		87
71)	Bromoform	12.576	173	781	0.908 ug/l	#	65
73)	Isopropylbenzene	12.694	105	3522	0.922 ug/l		98
74)	N-amyl acetate	12.494	43	1561	0.916 ug/l	#	88
75)	1,1,2,2-Tetrachloroethane	12.941	83	1582	1.181 ug/l	#	84
76)	1,2,3-Trichloropropane	13.000	75	1269m	1.108 ug/l		
77)	Bromobenzene	12.982	156	858	0.904 ug/l		79
78)	n-propylbenzene	13.035	91	4079	0.905 ug/l		93
79)	2-Chlorotoluene	13.123	91	2789	0.987 ug/l		98
80)	1,3,5-Trimethylbenzene	13.170	105	2838	0.905 ug/l		94
82)	4-Chlorotoluene	13.223	91	2633	0.944 ug/l		96
83)	tert-Butylbenzene	13.441	119	2356	0.856 ug/l		91
84)	1,2,4-Trimethylbenzene	13.482	105	2349	0.758 ug/l		98
85)	sec-Butylbenzene	13.623	105	2976	0.805 ug/l		95
86)	p-Isopropyltoluene	13.729	119	2337	0.789 ug/l		98
87)	1,3-Dichlorobenzene	13.735	146	1888	1.039 ug/l		93
88)	1,4-Dichlorobenzene	13.811	146	2138m	1.131 ug/l		
89)	n-Butylbenzene	14.064	91	2536	0.967 ug/l		87
90)	Hexachloroethane	14.335	117	643	0.977 ug/l		80
91)	1,2-Dichlorobenzene	14.106	146	1838	1.065 ug/l		97
92)	1,2-Dibromo-3-Chloropr...	14.723	75	221	0.876 ug/l	#	21
93)	1,2,4-Trichlorobenzene	15.394	180	861	1.022 ug/l	#	84
94)	Hexachlorobutadiene	15.488	225	458	1.202 ug/l	#	43
95)	Naphthalene	15.641	128	2433	0.870 ug/l	#	85
96)	1,2,3-Trichlorobenzene	15.841	180	943	1.050 ug/l		88

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

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QLast Update : Fri Jun 28 05:53:15 2024
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Instrument :
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ClientSampleId :
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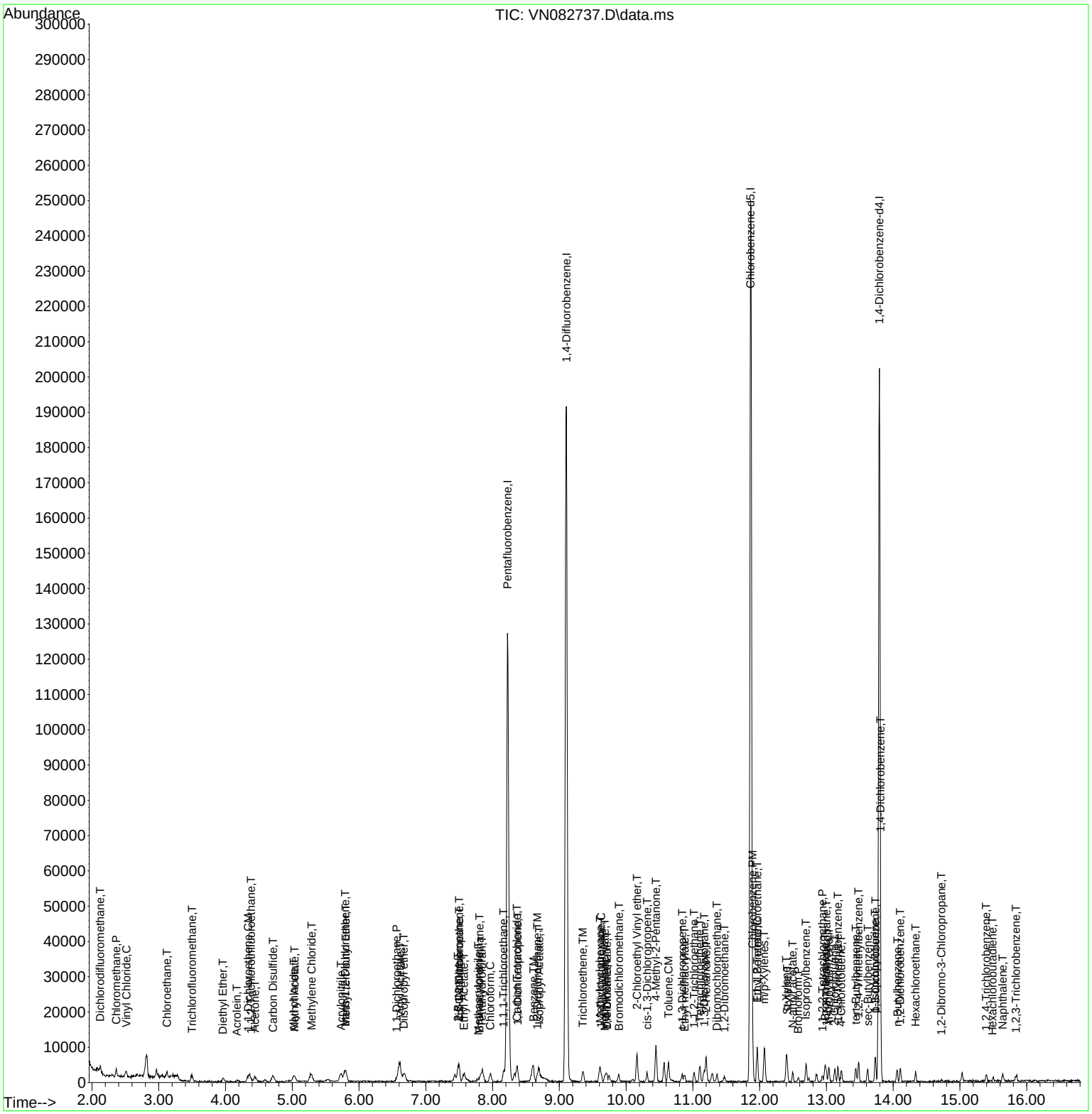
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