Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011124\
Data File : VX039723.D
Acq On : 11 Jan 2024 16:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

Quant Time: Jan 12 01:54:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	96474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	168660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	152490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68116	42.149	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 84.300%			
35) Dibromofluoromethane	5.379	113	51967	45.746	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.500%			
50) Toluene-d8	8.641	98	196255	45.806	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.620%#			
62) 4-Bromofluorobenzene	11.079	95	72405	43.216	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	31813	25.487	ug/l	96
3) Chloromethane	1.295	50	36329	25.485	ug/l	98
4) Vinyl Chloride	1.374	62	34716	25.805	ug/l	97
5) Bromomethane	1.599	94	18953	24.691	ug/l	98
6) Chloroethane	1.679	64	20786	27.179	ug/l	97
7) Trichlorofluoromethane	1.886	101	48451	24.966	ug/l	97
8) Diethyl Ether	2.130	74	18244	25.439	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	30204	25.104	ug/l	99
10) Methyl Iodide	2.447	142	33875	26.689	ug/l	93
11) Tert butyl alcohol	2.959	59	46633	110.851	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	29345	25.273	ug/l	88
13) Acrolein	2.233	56	11975	33.028	ug/l	97
14) Allyl chloride	2.660	41	55959	24.486	ug/l	97
15) Acrylonitrile	3.056	53	114641	131.926	ug/l	99
16) Acetone	2.374	43	94417	103.884	ug/l	94
17) Carbon Disulfide	2.508	76	80013	23.975	ug/l	100
18) Methyl Acetate	2.697	43	52215	27.460	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	99830	24.217	ug/l	98
20) Methylene Chloride	2.782	84	34932	25.410	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	31600	25.861	ug/l	98
22) Diisopropyl ether	3.751	45	105478	24.185	ug/l	96
23) Vinyl Acetate	3.715	43	505179	124.613	ug/l	100
24) 1,1-Dichloroethane	3.605	63	59447	24.777	ug/l	98
25) 2-Butanone	4.544	43	156468	119.797	ug/l	98
26) 2,2-Dichloropropane	4.465	77	43341	22.507	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	35844	25.576	ug/l	96
28) Bromochloromethane	4.885	49	17258	15.868	ug/l	95
29) Tetrahydrofuran	4.995	42	105718	125.754	ug/l	99
30) Chloroform	5.087	83	60892	25.709	ug/l	99
31) Cyclohexane	5.465	56	52558	24.642	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	49449	24.386	ug/l	100
36) 1,1-Dichloropropene	5.684	75	43221	24.443	ug/l	99
37) Ethyl Acetate	4.702	43	57954	24.568	ug/l	98
38) Carbon Tetrachloride	5.672	117	38656	23.869	ug/l	92
39) Methylcyclohexane	7.373	83	52814	24.873	ug/l	95
40) Benzene	6.032	78	131545	26.272	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	32006	27.746	ug/l		97
42) 1,2-Dichloroethane	6.074	62	49620	26.067	ug/l		100
43) Isopropyl Acetate	6.330	43	88644	25.616	ug/l		99
44) Trichloroethene	7.117	130	31264	25.478	ug/l		93
45) 1,2-Dichloropropane	7.422	63	34724	25.852	ug/l		97
46) Dibromomethane	7.574	93	24293	26.186	ug/l		98
47) Bromodichloromethane	7.818	83	44031	25.626	ug/l		94
48) Methyl methacrylate	7.684	41	42317	24.879	ug/l		93
49) 1,4-Dioxane	7.653	88	18680	567.564	ug/l	#	95
51) 4-Methyl-2-Pentanone	8.568	43	304124	127.608	ug/l		98
52) Toluene	8.714	92	77559	25.934	ug/l		93
53) t-1,3-Dichloropropene	8.976	75	45837	25.141	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	51619	25.748	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	33626	26.409	ug/l		95
56) Ethyl methacrylate	9.110	69	52086	25.275	ug/l		98
57) 1,3-Dichloropropane	9.305	76	56357	26.118	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	121634	124.871	ug/l		94
59) 2-Hexanone	9.427	43	246628	130.752	ug/l		99
60) Dibromochloromethane	9.519	129	31001	25.817	ug/l		98
61) 1,2-Dibromoethane	9.604	107	35160	26.665	ug/l		100
64) Tetrachloroethene	9.269	164	26531	26.755	ug/l		93
65) Chlorobenzene	10.073	112	81686	25.720	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	28362	26.226	ug/l		98
67) Ethyl Benzene	10.189	91	152343	25.836	ug/l		96
68) m/p-Xylenes	10.299	106	111743	51.529	ug/l		95
69) o-Xylene	10.640	106	56015	26.083	ug/l		97
70) Styrene	10.653	104	89946	25.640	ug/l		98
71) Bromoform	10.799	173	21011	25.874	ug/l	#	99
73) Isopropylbenzene	10.957	105	145573	25.893	ug/l		100
74) N-amyl acetate	10.842	43	75932	25.911	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.207	83	55971	26.072	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	47757m	26.086	ug/l		
77) Bromobenzene	11.195	156	32296	25.800	ug/l		96
78) n-propylbenzene	11.299	91	172849	25.402	ug/l		97
79) 2-Chlorotoluene	11.360	91	104809	24.921	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	124451	26.064	ug/l		96
81) trans-1,4-Dichloro-2-b...	11.018	75	14106	24.678	ug/l		97
82) 4-Chlorotoluene	11.451	91	119767	25.107	ug/l		100
83) tert-Butylbenzene	11.713	119	115504	25.338	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	122523	25.720	ug/l		100
85) sec-Butylbenzene	11.890	105	151742	25.643	ug/l		99
86) p-Isopropyltoluene	12.006	119	120083	25.390	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	61066	25.449	ug/l		100
88) 1,4-Dichlorobenzene	12.043	146	61309	24.739	ug/l		97
89) n-Butylbenzene	12.329	91	109995	24.080	ug/l		96
90) Hexachloroethane	12.536	117	19174	24.031	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	62706	26.434	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12384	23.541	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	34705	23.940	ug/l		95
94) Hexachlorobutadiene	13.725	225	14859	24.657	ug/l		97
95) Naphthalene	13.774	128	130272	24.410	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	35392	24.190	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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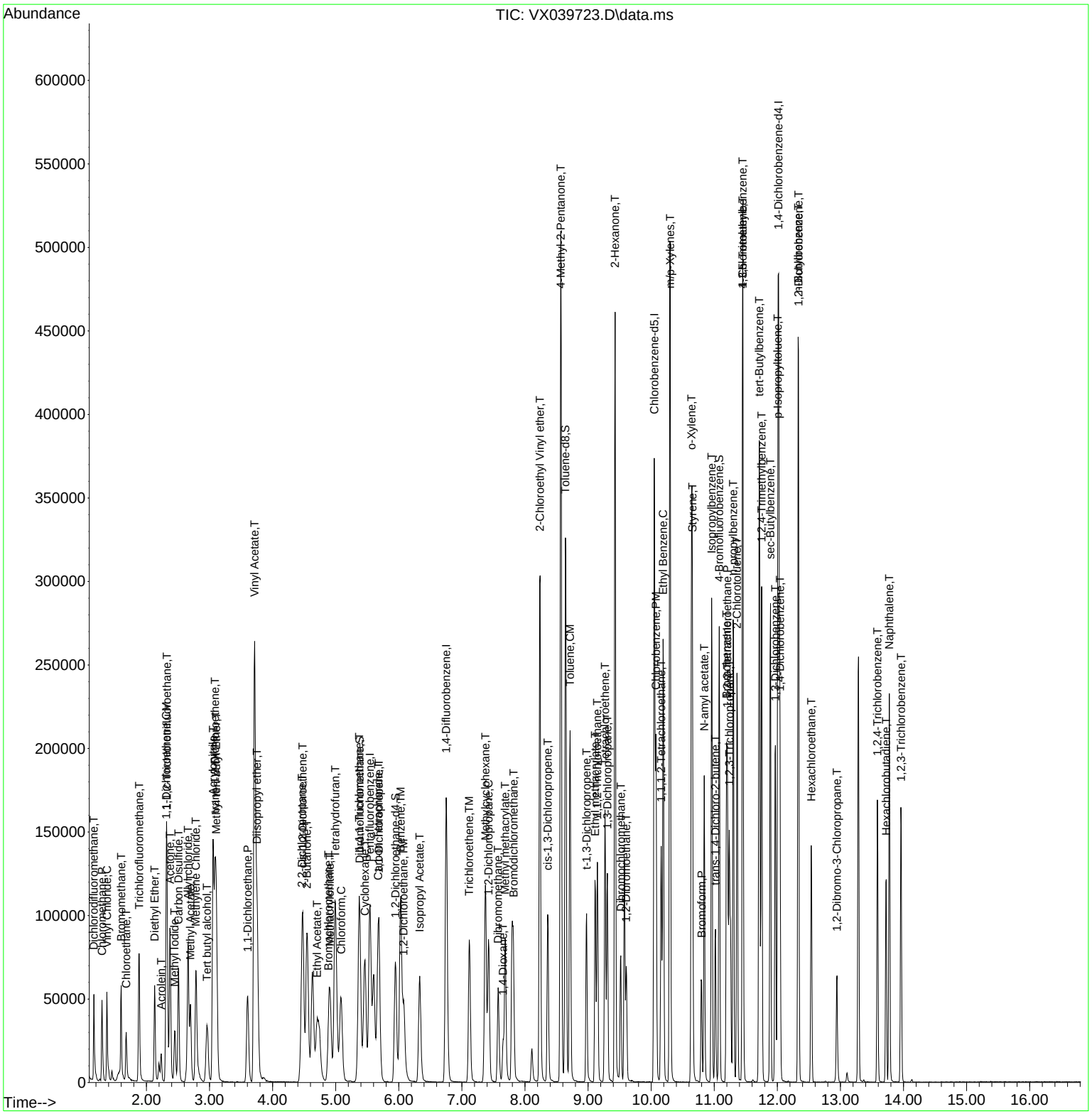
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