

Data File : VX008793.D
Acq On : 09 Apr 2019 23:58
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Quant Time: Apr 10 06:50:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123612	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.50	113	91586	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	8.71	98	368113	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.13	95	134340	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	79090	39.950	ug/l	98
3) Chloromethane	1.32	50	111135	45.659	ug/l	99
4) Vinyl Chloride	1.41	62	111306	41.591	ug/l	99
5) Bromomethane	1.64	94	57029	43.513	ug/l	95
6) Chloroethane	1.72	64	67789	46.148	ug/l	100
7) Trichlorofluoromethane	1.93	101	130155	43.996	ug/l	100
8) Diethyl Ether	2.19	74	62332	44.431	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83509	43.844	ug/l	99
10) Methyl Iodide	2.51	142	89979	51.721	ug/l	100
11) Tert butyl alcohol	3.04	59	129746	220.928	ug/l	100
12) 1,1-Dichloroethene	2.37	96	88029	44.273	ug/l	99
13) Acrolein	2.29	56	67079	230.351	ug/l	98
14) Allyl chloride	2.73	41	202277	44.439	ug/l	99
15) Acrylonitrile	3.14	53	351012	225.615	ug/l	100
16) Acetone	2.44	43	292997	202.789	ug/l	100
17) Carbon Disulfide	2.57	76	246247	42.781	ug/l	100
18) Methyl Acetate	2.78	43	167427	47.780	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	333209	46.926	ug/l	98
20) Methylene Chloride	2.85	84	104435	43.182	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	93246	43.356	ug/l	94
22) Diisopropyl ether	3.85	45	404555	46.113	ug/l	92
23) Vinyl Acetate	3.82	43	1776580	232.780	ug/l	99
24) 1,1-Dichloroethane	3.70	63	197162	45.391	ug/l	99
25) 2-Butanone	4.67	43	512344	224.357	ug/l	97
26) 2,2-Dichloropropane	4.59	77	116505	38.082	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	110994	44.888	ug/l	97
28) Bromochloromethane	5.01	49	101326	56.221	ug/l	99
29) Tetrahydrofuran	5.13	42	342676	226.087	ug/l	99
30) Chloroform	5.21	83	179088	46.161	ug/l	98
31) Cyclohexane	5.58	56	187269	43.207	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	145410	46.381	ug/l	100
36) 1,1-Dichloropropene	5.80	75	137324	42.794	ug/l	99
37) Ethyl Acetate	4.84	43	194718	45.460	ug/l	100
38) Carbon Tetrachloride	5.79	117	120935	45.534	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164972	41.616	ug/l	99
40) Benzene	6.15	78	425812	44.542	ug/l	99
41) Methacrylonitrile	5.04	41	113046	45.915	ug/l	98
42) 1,2-Dichloroethane	6.20	62	150909	44.032	ug/l	100
43) Isopropyl Acetate	6.45	43	310962	46.345	ug/l	99
44) Trichloroethene	7.21	130	99743	44.797	ug/l	99
45) 1,2-Dichloropropane	7.51	63	122165	44.772	ug/l	98
46) Dibromomethane	7.66	93	68833	43.495	ug/l	98
47) Bromodichloromethane	7.90	83	138413	46.387	ug/l	99
48) Methyl methacrylate	7.77	41	157124	46.293	ug/l	99
49) 1,4-Dioxane	7.74	88	52048	818.597	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1000590	231.654	ug/l	100
52) Toluene	8.79	92	254877	45.223	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	157532	47.130	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	173894	45.531	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	103951	45.948	ug/l	99
56) Ethyl methacrylate	9.18	69	193070	47.167	ug/l	99
57) 1,3-Dichloropropane	9.37	76	185400	45.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	517397	247.544	ug/l	100
59) 2-Hexanone	9.49	43	762606	227.185	ug/l	100
60) Dibromochloromethane	9.58	129	102459	48.061	ug/l	100
61) 1,2-Dibromoethane	9.67	107	107144	45.493	ug/l	99
64) Tetrachloroethene	9.34	164	87962	45.257	ug/l	99
65) Chlorobenzene	10.14	112	260515	44.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	94150	46.151	ug/l	99
67) Ethyl Benzene	10.25	91	483184	44.561	ug/l	99
68) m/p-Xylenes	10.36	106	347920	89.240	ug/l	100
69) o-Xylene	10.69	106	169361	44.825	ug/l	98
70) Styrene	10.71	104	299414	45.973	ug/l	100
71) Bromoform	10.85	173	74992	48.132	ug/l #	98
73) Isopropylbenzene	11.02	105	451410	43.994	ug/l	100
74) N-amyl acetate	10.90	43	272174	45.086	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	168415	43.158	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	144402m	42.455	ug/l	
77) Bromobenzene	11.26	156	109792	44.510	ug/l	99
78) n-propylbenzene	11.36	91	526387	44.059	ug/l	99
79) 2-Chlorotoluene	11.42	91	309633	42.826	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	378934	43.995	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54400	44.088	ug/l	98
82) 4-Chlorotoluene	11.51	91	361254	43.166	ug/l	99
83) tert-Butylbenzene	11.77	119	359949	43.439	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	381585	43.753	ug/l	99
85) sec-Butylbenzene	11.94	105	435016	44.197	ug/l	99
86) p-Isopropyltoluene	12.06	119	392668	44.448	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194024	43.937	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	193158	43.196	ug/l	99
89) n-Butylbenzene	12.38	91	371239	44.809	ug/l	99
90) Hexachloroethane	12.60	117	67388	45.991	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	191548	43.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36304	42.291	ug/l	99

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Quantitation Report (QT Reviewed)

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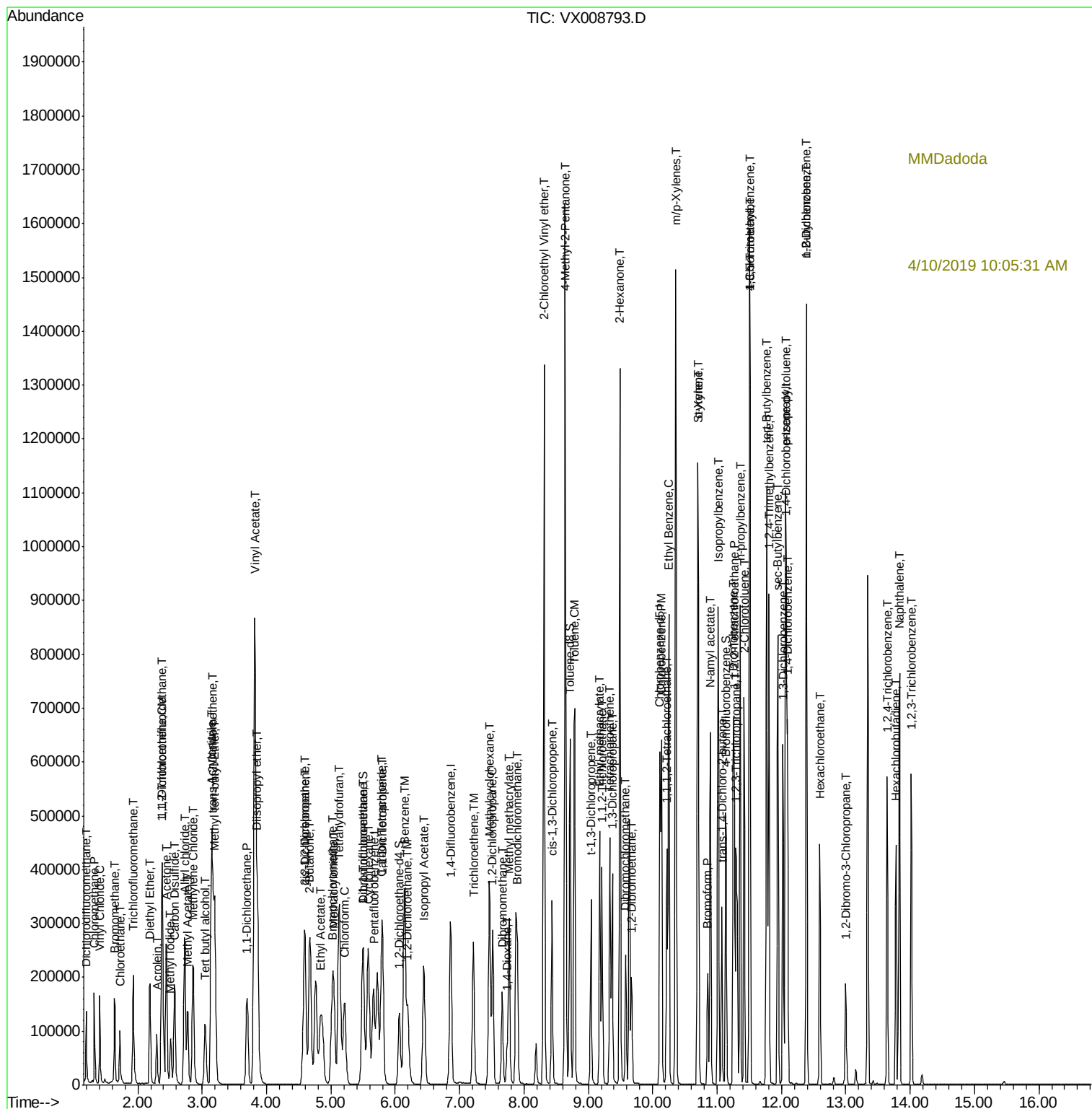
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137972	45.259	ug/l	99
94) Hexachlorobutadiene	13.78	225	66715	45.632	ug/l	99
95) Naphthalene	13.83	128	450074	44.174	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135826	44.594	ug/l	99

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

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