

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081121\
 Data File : VX023646.D
 Acq On : 11 Aug 2021 12:23
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 11 19:12:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 11 12:02:06 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	344872	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	314451	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	157194	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	90656	50.432	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.860%	
7) Chloroethane-d5	1.660	69	74180	50.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 100.460%	
11) 1,1-Dichloroethene-d2	2.306	63	201298	51.553	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.100%	
21) 2-Butanone-d5	4.458	46	170946	98.640	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 98.640%	
24) Chloroform-d	5.062	84	207067	50.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.740%	
26) 1,2-Dichloroethane-d4	5.958	65	136901	49.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.120%	
32) Benzene-d6	5.976	84	405970	51.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.500%	
36) 1,2-Dichloropropane-d6	7.311	67	127707	51.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 102.480%	
41) Toluene-d8	8.653	98	393046	51.522	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.040%	
43) trans-1,3-Dichloroprop...	8.951	79	60370	51.185	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.360%	
47) 2-Hexanone-d5	9.384	63	124815	104.164	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 104.160%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	176755	53.236	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 106.480%	
66) 1,2-Dichlorobenzene-d4	12.323	152	144381	52.341	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.680%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	111849	52.190	ug/L	100
3) Chloromethane	1.294	50	105854	51.922	ug/L	97
5) Vinyl chloride	1.374	62	108266	52.267	ug/L	99
6) Bromomethane	1.599	94	70042	54.425	ug/L	98
8) Chloroethane	1.684	64	67134	51.138	ug/L	98
9) Trichlorofluoromethane	1.886	101	184383	53.092	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	109448	53.942	ug/L	97
12) 1,1-Dichloroethene	2.318	96	93927	53.522	ug/L	90
13) Acetone	2.386	43	159813	104.740	ug/L	92
14) Carbon disulfide	2.514	76	185153	52.481	ug/L	99
15) Methyl Acetate	2.709	43	128722	50.624	ug/L	91
16) Methylene chloride	2.788	84	110967	50.786	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	97537	52.499	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	356125	51.718	ug/L #	96
19) 1,1-Dichloroethane	3.611	63	197406	52.132	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	118103	52.613	ug/L	99
22) 2-Butanone	4.562	43	210211	101.103	ug/L	90
23) Bromochloromethane	4.903	128	60634	51.106	ug/L	98
25) Chloroform	5.098	83	210796	51.532	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	172346	52.238	ug/L	96
29) Cyclohexane	5.476	56	164717	54.436	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	179223	52.762	ug/L	99
31) Carbon tetrachloride	5.678	117	153892	53.949	ug/L	99
33) Benzene	6.043	78	436616	53.161	ug/L	100
34) Trichloroethene	7.123	95	117705	53.575	ug/L	99
35) Methylcyclohexane	7.385	83	175447	55.598	ug/L	99
37) 1,2-Dichloropropane	7.433	63	119923	53.220	ug/L	98
38) Bromodichloromethane	7.824	83	150234	53.447	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	180690	54.773	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	378908	104.346	ug/L	91
42) Toluene	8.720	91	488221	53.611	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	181045	54.492	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	118009	51.547	ug/L	100
46) Tetrachloroethene	9.275	164	91906	55.128	ug/L	96
48) 2-Hexanone	9.433	43	311350	106.173	ug/L #	89
49) Dibromochloromethane	9.525	129	125725	54.426	ug/L	98
50) 1,2-Dibromoethane	9.610	107	124986	53.324	ug/L #	96
51) Chlorobenzene	10.079	112	319261	52.772	ug/L	98
52) Ethylbenzene	10.195	91	537411	53.912	ug/L	97
53) m,p-Xylene	10.305	106	208803	54.929	ug/L	99
54) o-Xylene	10.646	106	206475	54.530	ug/L	94
55) Styrene	10.658	104	354023	55.504	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	188730	54.237	ug/L	100
59) Bromoform	10.805	173	86420	51.271	ug/L	99
60) Isopropylbenzene	10.963	105	553041	51.839	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	157233	49.727	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	464336	53.785	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	466740	53.173	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	253874	54.473	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	247836	53.419	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	245668	53.700	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	37482	50.911	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	179545	55.808	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	155625	56.170	ug/L	98
71) Naphthalene	13.780	128	528037	54.974	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	154634	54.178	ug/L	97

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

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