

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
 Data File : VX025093.D
 Acq On : 08 Nov 2021 11:53
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV629

Quant Time: Nov 09 04:12:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 09 03:59:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	188162	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	176887	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	85638	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	80928	47.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.120%
7) Chloroethane-d5	1.666	69	71704	67.224	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	134.440%#
11) 1,1-Dichloroethene-d2	2.306	63	157275	47.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.980%
21) 2-Butanone-d5	4.458	46	116111	99.298	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.300%
24) Chloroform-d	5.062	84	156091	46.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.340%
26) 1,2-Dichloroethane-d4	5.958	65	110639	50.562	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.120%
32) Benzene-d6	5.976	84	254813	40.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.920%
36) 1,2-Dichloropropane-d6	7.312	67	84257	45.402	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.800%
41) Toluene-d8	8.653	98	239592	45.255	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.500%
43) trans-1,3-Dichloroprop...	8.952	79	49329	49.802	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.600%
47) 2-Hexanone-d5	9.384	63	84298	106.340	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.340%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	120457	46.891	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.780%
66) 1,2-Dichlorobenzene-d4	12.323	152	85112	50.705	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89139	45.858	ug/L	99
3) Chloromethane	1.288	50	74079	54.229	ug/L	89
5) Vinyl chloride	1.374	62	78071	48.157	ug/L	99
6) Bromomethane	1.611	94	56447	54.598	ug/L	96
8) Chloroethane	1.691	64	54009	57.157	ug/L	99
9) Trichlorofluoromethane	1.886	101	140875	47.053	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	67170	43.976	ug/L	87
12) 1,1-Dichloroethene	2.319	96	57141	42.538	ug/L	# 62
13) Acetone	2.386	43	116775	101.492	ug/L	89
14) Carbon disulfide	2.514	76	150796	43.238	ug/L	99
15) Methyl Acetate	2.703	43	76288	47.952	ug/L	# 77
16) Methylene chloride	2.788	84	65165	43.145	ug/L	# 68
17) trans-1,2-Dichloroethene	3.093	96	56853	41.693	ug/L	84
18) Methyl tert-butyl Ether	3.111	73	238149	45.034	ug/L	# 86
19) 1,1-Dichloroethane	3.611	63	129034	45.316	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	66489	42.102	ug/L	68
22) 2-Butanone	4.562	43	136473	99.868	ug/L	79
23) Bromochloromethane	4.904	128	32779	44.082	ug/L	# 65
25) Chloroform	5.093	83	142916	45.471	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	125504	51.700	ug/L	99
29) Cyclohexane	5.477	56	107672	39.770	ug/L #	81
30) 1,1,1-Trichloroethane	5.385	97	130853	40.835	ug/L #	89
31) Carbon tetrachloride	5.678	117	110750	43.093	ug/L	97
33) Benzene	6.037	78	266753	40.078	ug/L	100
34) Trichloroethene	7.129	95	72527	42.778	ug/L	93
35) Methylcyclohexane	7.379	83	115893	45.957	ug/L #	88
37) 1,2-Dichloropropane	7.427	63	71925	46.534	ug/L #	96
38) Bromodichloromethane	7.824	83	108429	46.895	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	120098	48.140	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	233299	96.867	ug/L #	78
42) Toluene	8.720	91	287804	45.421	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	126548	50.592	ug/L	92
45) 1,1,2-Trichloroethane	9.153	97	68479	48.034	ug/L	94
46) Tetrachloroethene	9.275	164	45232	48.179	ug/L	96
48) 2-Hexanone	9.433	43	198271	100.038	ug/L #	80
49) Dibromochloromethane	9.525	129	72087	47.660	ug/L	99
50) 1,2-Dibromoethane	9.610	107	73269	48.145	ug/L	98
51) Chlorobenzene	10.079	112	176193	47.472	ug/L	90
52) Ethylbenzene	10.195	91	339176	49.787	ug/L	99
53) m,p-Xylene	10.305	106	119474	48.214	ug/L	98
54) o-Xylene	10.646	106	118681	50.611	ug/L	99
55) Styrene	10.659	104	200874	49.205	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	114466	44.889	ug/L	99
59) Bromoform	10.799	173	47012	46.709	ug/L	96
60) Isopropylbenzene	10.963	105	336531	47.142	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	98711	47.531	ug/L	93
62) 1,3,5-Trimethylbenzene	11.451	105	292306	49.440	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	294205	50.739	ug/L	98
64) 1,3-Dichlorobenzene	11.975	146	126826	49.067	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	128290	48.820	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	130920	49.083	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	34128	52.917	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.115	180	95211	51.377	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	82545	52.008	ug/L	100
71) Naphthalene	13.780	128	323862	56.710	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	84567	54.312	ug/L	97

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

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