

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033546.D
 Acq On : 22 Dec 2022 15:38
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV606

Quant Time: Dec 23 04:46:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:40:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	263357	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	237095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	120976	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64479	46.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.060%
7) Chloroethane-d5	1.673	69	50605	46.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.380%
11) 1,1-Dichloroethene-d2	2.313	63	110909	49.586	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.180%
21) 2-Butanone-d5	4.459	46	97692	95.999	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.000%
24) Chloroform-d	5.056	84	164710	47.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.840%
26) 1,2-Dichloroethane-d4	5.958	65	99677	46.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.580%
32) Benzene-d6	5.977	84	319305	47.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	7.306	67	93336	47.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.360%
41) Toluene-d8	8.647	98	312475	47.547	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.100%
43) trans-1,3-Dichloroprop...	8.952	79	46303	48.416	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.840%
47) 2-Hexanone-d5	9.385	63	80479	99.236	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.240%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	130351	48.054	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.100%
66) 1,2-Dichlorobenzene-d4	12.317	152	123518	49.220	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	28924	45.504	ug/L	99
3) Chloromethane	1.295	50	36098	45.232	ug/L	100
5) Vinyl chloride	1.374	62	47753	45.282	ug/L	99
6) Bromomethane	1.618	94	28764	45.849	ug/L	97
8) Chloroethane	1.691	64	32012	45.628	ug/L	96
9) Trichlorofluoromethane	1.892	101	78917	45.217	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	62534	56.314	ug/L	99
12) 1,1-Dichloroethene	2.325	96	50394	50.468	ug/L	# 80
13) Acetone	2.392	43	83035	127.028	ug/L	95
14) Carbon disulfide	2.514	76	154330	50.792	ug/L	100
15) Methyl Acetate	2.709	43	60377	46.197	ug/L	100
16) Methylene chloride	2.788	84	67564	45.198	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	67177	45.419	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	217266	46.348	ug/L	99
19) 1,1-Dichloroethane	3.611	63	119863	46.692	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	79400	45.804	ug/L	97
22) 2-Butanone	4.562	43	102939	95.622	ug/L	99
23) Bromochloromethane	4.898	128	41967	45.227	ug/L	94
25) Chloroform	5.093	83	138302	46.365	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	105403	46.323	ug/L	99
29) Cyclohexane	5.471	56	106103	45.790	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	126940	46.037	ug/L	99
31) Carbon tetrachloride	5.678	117	112599	46.015	ug/L	98
33) Benzene	6.038	78	287635	45.649	ug/L	100
34) Trichloroethene	7.123	95	81326	46.287	ug/L	95
35) Methylcyclohexane	7.379	83	123437	47.936	ug/L	99
37) 1,2-Dichloropropane	7.428	63	70973	45.676	ug/L	99
38) Bromodichloromethane	7.824	83	105725	46.106	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	116252	46.047	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	180015	93.547	ug/L	99
42) Toluene	8.720	91	329364	46.247	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	113109	47.718	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	77512	46.084	ug/L	98
46) Tetrachloroethene	9.275	164	68486	46.183	ug/L	96
48) 2-Hexanone	9.427	43	149666	97.924	ug/L	98
49) Dibromochloromethane	9.519	129	91234	46.448	ug/L	98
50) 1,2-Dibromoethane	9.610	107	83693	46.095	ug/L	98
51) Chlorobenzene	10.080	112	219155	46.374	ug/L	98
52) Ethylbenzene	10.195	91	368013	47.168	ug/L	99
53) m,p-Xylene	10.299	106	146922	47.213	ug/L	99
54) o-Xylene	10.640	106	141808	46.593	ug/L	98
55) Styrene	10.653	104	245290	47.821	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	116908	47.533	ug/L	99
59) Bromoform	10.799	173	65876	46.764	ug/L	99
60) Isopropylbenzene	10.964	105	381984	47.752	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	88287	46.334	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	330111	48.580	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	323798	48.467	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	174039	47.634	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	176055	47.635	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	170365	47.248	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	23465	45.809	ug/L	97
69) 1,3,5-Trichlorobenzene	13.110	180	120896	49.451	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	108230	48.875	ug/L	99
71) Naphthalene	13.774	128	351895	48.638	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	106416	48.156	ug/L	99

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

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