

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027135.D
 Acq On : 01 Aug 2022 18:19
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV251

Quant Time: Aug 02 00:22:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:15:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	643880	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	626937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	329053	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	198657	47.606	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.220%
7) Chloroethane-d5	1.561	69	151104	48.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.780%
11) 1,1-Dichloroethene-d2	2.105	63	376170	47.340	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.680%
21) 2-Butanone-d5	3.879	46	275706	100.354	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.350%
24) Chloroform-d	4.342	84	408810	48.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.940%
26) 1,2-Dichloroethane-d4	5.027	65	230444	48.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
32) Benzene-d6	5.047	84	826245	49.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.066	67	249889	48.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.380%
41) Toluene-d8	7.313	98	767146	51.294	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.580%
43) trans-1,3-Dichloroprop...	7.619	79	112231	49.829	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.660%
47) 2-Hexanone-d5	8.088	63	211171	106.584	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	373191	48.648	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.300%
66) 1,2-Dichlorobenzene-d4	11.622	152	280409	48.489	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	290992	47.231	ug/L	99
3) Chloromethane	1.240	50	273231	46.769	ug/L	100
5) Vinyl chloride	1.307	62	291057	47.862	ug/L	100
6) Bromomethane	1.519	94	155973	49.458	ug/L	99
8) Chloroethane	1.581	64	164884	50.605	ug/L	99
9) Trichlorofluoromethane	1.748	101	375472	46.863	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	218292	47.506	ug/L	99
12) 1,1-Dichloroethene	2.114	96	208488	46.695	ug/L	99
13) Acetone	2.169	43	217955	93.950	ug/L	99
14) Carbon disulfide	2.288	76	636834	47.893	ug/L	99
15) Methyl Acetate	2.426	43	246855	48.911	ug/L	99
16) Methylene chloride	2.500	84	259737	45.895	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	227821	47.938	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	679140	49.746	ug/L	100
19) 1,1-Dichloroethane	3.185	63	413472	47.512	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	251519	49.858	ug/L	100
22) 2-Butanone	3.960	43	325370	101.779	ug/L	98
23) Bromochloromethane	4.243	128	138539	48.335	ug/L	98
25) Chloroform	4.371	83	436515	47.640	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	310167	48.891	ug/L	99
29) Cyclohexane	4.674	56	322808	50.857	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	377120	47.970	ug/L	99
31) Carbon tetrachloride	4.825	117	330578	48.902	ug/L	99
33) Benzene	5.095	78	966553	50.267	ug/L	100
34) Trichloroethene	5.908	95	239441	48.421	ug/L	97
35) Methylcyclohexane	6.127	83	364160	49.620	ug/L	99
37) 1,2-Dichloropropane	6.169	63	248393	49.206	ug/L	100
38) Bromodichloromethane	6.506	83	322771	48.272	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	351663	49.659	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	627954	105.254	ug/L	99
42) Toluene	7.384	91	1019135	51.377	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	343644	50.506	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	257520	48.530	ug/L	98
46) Tetrachloroethene	7.973	164	186781	49.474	ug/L	96
48) 2-Hexanone	8.136	43	506335	109.157	ug/L	98
49) Dibromochloromethane	8.243	129	268984	48.831	ug/L	99
50) 1,2-Dibromoethane	8.349	107	266447	48.500	ug/L	100
51) Chlorobenzene	8.879	112	668459	48.695	ug/L	99
52) Ethylbenzene	9.011	91	1046706	51.488	ug/L	100
53) m,p-Xylene	9.136	106	415712	52.129	ug/L	99
54) o-Xylene	9.542	106	408583	52.340	ug/L	99
55) Styrene	9.558	104	737623	54.367	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	417314	48.499	ug/L	98
59) Bromoform	9.728	173	182453	48.028	ug/L	99
60) Isopropylbenzene	9.931	105	1046040	51.809	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	324164	47.450	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	440445	50.364	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	358096	50.680	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	495888	49.834	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	518410	49.385	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	514345	49.222	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	86754	47.465	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	347265	49.190	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	292585	49.359	ug/L	98
71) Naphthalene	13.500	128	1015690	52.162	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	333060	51.380	ug/L	100

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

