

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080321\
 Data File : VV021728.D
 Acq On : 03 Aug 2021 13:09
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050298

Quant Time: Aug 04 01:13:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 04 01:10:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	445199	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	415168	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	221920	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117683	42.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.180%
7) Chloroethane-d5	1.558	69	106457	46.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.340%
11) 1,1-Dichloroethene-d2	2.105	63	219611	43.917	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.840%
21) 2-Butanone-d5	3.863	46	225932	94.073	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.070%
24) Chloroform-d	4.343	84	281845	47.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
26) 1,2-Dichloroethane-d4	5.027	65	168263	47.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
32) Benzene-d6	5.043	84	563681	47.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.066	67	177850	47.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.380%
41) Toluene-d8	7.313	98	525597	48.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.560%
43) trans-1,3-Dichloroprop...	7.619	79	87169	47.366	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.740%
47) 2-Hexanone-d5	8.085	63	154913	95.256	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	233481	47.499	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	219556	47.784	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	118383	40.179	ug/L	100
3) Chloromethane	1.240	50	113307	39.010	ug/L	99
5) Vinyl chloride	1.307	62	116636	39.407	ug/L	100
6) Bromomethane	1.507	94	73763	45.330	ug/L	100
8) Chloroethane	1.577	64	72141	39.845	ug/L	99
9) Trichlorofluoromethane	1.748	101	170964	39.683	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	101657	41.834	ug/L	97
12) 1,1-Dichloroethene	2.114	96	90308	40.537	ug/L	91
13) Acetone	2.156	43	144021	91.413	ug/L	99
14) Carbon disulfide	2.288	76	233336	39.079	ug/L	99
15) Methyl Acetate	2.423	43	124112	37.739	ug/L	98
16) Methylene chloride	2.500	84	120451	39.715	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	105799	40.248	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	365608	39.474	ug/L	99
19) 1,1-Dichloroethane	3.185	63	206090	40.201	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	123796	39.774	ug/L	98
22) 2-Butanone	3.950	43	190747	83.198	ug/L	96
23) Bromochloromethane	4.240	128	63642	38.060	ug/L	92
25) Chloroform	4.368	83	212731	39.551	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	152342	40.062	ug/L	97
29) Cyclohexane	4.670	56	164727	39.656	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	184322	39.328	ug/L	100
31) Carbon tetrachloride	4.825	117	158292	39.253	ug/L	99
33) Benzene	5.095	78	448137	40.138	ug/L	100
34) Trichloroethene	5.912	95	124822	39.459	ug/L	98
35) Methylcyclohexane	6.127	83	176735	40.980	ug/L	99
37) 1,2-Dichloropropane	6.169	63	120029	40.348	ug/L	100
38) Bromodichloromethane	6.506	83	160638	39.547	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	192407	40.817	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	336910	77.741	ug/L	99
42) Toluene	7.384	91	488769	40.603	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	182820	40.460	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	120838	39.887	ug/L	99
46) Tetrachloroethene	7.973	164	93676	40.072	ug/L	98
48) 2-Hexanone	8.137	43	261675	78.779	ug/L	99
49) Dibromochloromethane	8.246	129	134083	38.859	ug/L	99
50) 1,2-Dibromoethane	8.352	107	126696	39.360	ug/L	98
51) Chlorobenzene	8.879	112	324538	40.348	ug/L	99
52) Ethylbenzene	9.011	91	532175	40.717	ug/L	99
53) m,p-Xylene	9.137	106	203935	40.201	ug/L	99
54) o-Xylene	9.542	106	205810	40.317	ug/L	100
55) Styrene	9.561	104	353423	41.323	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	178849	39.551	ug/L	97
59) Bromoform	9.731	173	96624	37.649	ug/L	100
60) Isopropylbenzene	9.931	105	547418	39.930	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	151668	38.453	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	464640	40.028	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	473381	40.072	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	266410	40.328	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	264556	39.796	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	268948	39.855	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	37963	36.561	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	197217	40.118	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	166780	40.242	ug/L	99
71) Naphthalene	13.503	128	471379	39.287	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	165941	40.296	ug/L	98

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

