

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
 Data File : VV021673.D
 Acq On : 15 Jul 2021 16:34
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050289

Quant Time: Jul 16 01:08:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 16 01:06:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	430408	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	408146	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	220086	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	121456	44.601	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.200%
7) Chloroethane-d5	1.558	69	98469	44.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.480%
11) 1,1-Dichloroethene-d2	2.105	63	224939	45.147	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.300%
21) 2-Butanone-d5	3.870	46	234439	100.802	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.800%
24) Chloroform-d	4.346	84	265445	46.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.031	65	157751	47.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.000%
32) Benzene-d6	5.047	84	533424	46.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.100%
36) 1,2-Dichloropropane-d6	6.069	67	169505	46.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.800%
41) Toluene-d8	7.317	98	492804	46.499	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.622	79	83333	46.348	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.700%
47) 2-Hexanone-d5	8.085	63	166893	99.543	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.540%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	240082	49.300	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	204444	46.594	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	162832	43.741	ug/L	100
3) Chloromethane	1.240	50	165058	46.055	ug/L	100
5) Vinyl chloride	1.307	62	158765	44.747	ug/L	100
6) Bromomethane	1.507	94	96644	46.742	ug/L	100
8) Chloroethane	1.574	64	94611	46.382	ug/L	99
9) Trichlorofluoromethane	1.748	101	216203	48.418	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	124037	48.488	ug/L	98
12) 1,1-Dichloroethene	2.114	96	114294	46.498	ug/L	94
13) Acetone	2.156	43	155825	81.044	ug/L #	100
14) Carbon disulfide	2.288	76	365848	42.216	ug/L	100
15) Methyl Acetate	2.423	43	166388	46.569	ug/L	99
16) Methylene chloride	2.503	84	152063	45.571	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	141034	47.030	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	458648	47.222	ug/L	99
19) 1,1-Dichloroethane	3.185	63	258916	47.399	ug/L	99
20) cis-1,2-Dichloroethene	3.909	96	157793	47.319	ug/L	97
22) 2-Butanone	3.954	43	242574	91.352	ug/L	98
23) Bromochloromethane	4.246	128	83285	47.318	ug/L	98
25) Chloroform	4.375	83	264408	47.478	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	194400	47.993	ug/L	99
29) Cyclohexane	4.674	56	232953	45.201	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	233780	45.560	ug/L	99
31) Carbon tetrachloride	4.825	117	205439	45.461	ug/L	99
33) Benzene	5.098	78	584757	47.078	ug/L	100
34) Trichloroethene	5.912	95	155221	46.230	ug/L	97
35) Methylcyclohexane	6.130	83	243200	45.624	ug/L	100
37) 1,2-Dichloropropane	6.172	63	149056	46.168	ug/L	100
38) Bromodichloromethane	6.510	83	199183	45.651	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	245400	46.092	ug/L	99
40) 4-Methyl-2-pentanone	7.224	43	446032	94.113	ug/L	99
42) Toluene	7.388	91	632833	47.566	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	229839	46.227	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	152602	48.113	ug/L	99
46) Tetrachloroethene	7.976	164	124156	46.494	ug/L	99
48) 2-Hexanone	8.137	43	341838	91.252	ug/L	99
49) Dibromochloromethane	8.246	129	170355	46.638	ug/L	99
50) 1,2-Dibromoethane	8.352	107	162200	46.641	ug/L	100
51) Chlorobenzene	8.883	112	411995	47.586	ug/L	99
52) Ethylbenzene	9.011	91	679773	47.030	ug/L	100
53) m,p-Xylene	9.140	106	264885	47.754	ug/L	100
54) o-Xylene	9.545	106	261645	47.281	ug/L	98
55) Styrene	9.561	104	452297	48.369	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	241384	48.822	ug/L	99
59) Bromoform	9.731	173	125507	44.368	ug/L	99
60) Isopropylbenzene	9.931	105	688804	45.885	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	193442	45.468	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	588285	45.982	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	601715	46.475	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	331082	46.903	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	330293	46.814	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	334997	47.355	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	52799	41.862	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	244410	46.332	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	209128	46.097	ug/L	99
71) Naphthalene	13.503	128	632035	45.744	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	210088	46.886	ug/L	99

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

