

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
 Data File : VV021875.D
 Acq On : 18 Aug 2021 19:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050308

Quant Time: Aug 19 01:19:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 19 01:14:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	431783	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	404562	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	214827	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	140509	41.626	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.260%		
7) Chloroethane-d5	1.558	69	110392	43.337	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.680%		
11) 1,1-Dichloroethene-d2	2.105	63	219166	40.789	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.580%		
21) 2-Butanone-d5	3.873	46	215462	102.632	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.630%		
24) Chloroform-d	4.349	84	263274	45.018	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.040%		
26) 1,2-Dichloroethane-d4	5.034	65	153946	45.763	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.520%		
32) Benzene-d6	5.050	84	530242	45.578	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.160%		
36) 1,2-Dichloropropane-d6	6.072	67	167430	46.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.420%		
41) Toluene-d8	7.317	98	490018	45.571	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.140%		
43) trans-1,3-Dichloroprop...	7.622	79	76546	42.932	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.860%		
47) 2-Hexanone-d5	8.088	63	134094	112.931	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.930%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	233662	52.046	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.100%		
66) 1,2-Dichlorobenzene-d4	11.628	152	199262	44.819	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	142024	42.516	ug/L	100
3) Chloromethane	1.240	50	154055	44.407	ug/L	100
5) Vinyl chloride	1.307	62	150681	44.110	ug/L	100
6) Bromomethane	1.507	94	94136	45.848	ug/L	99
8) Chloroethane	1.574	64	92346	45.238	ug/L	100
9) Trichlorofluoromethane	1.748	101	212162	45.330	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	111751	41.703	ug/L	99
12) 1,1-Dichloroethene	2.114	96	108090	42.348	ug/L	98
13) Acetone	2.159	43	148160	85.770	ug/L #	100
14) Carbon disulfide	2.291	76	370080	43.093	ug/L	100
15) Methyl Acetate	2.426	43	164956	51.980	ug/L	97
16) Methylene chloride	2.503	84	164744	46.403	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	140945	47.059	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	442645	48.056	ug/L	99
19) 1,1-Dichloroethane	3.188	63	254152	47.670	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	157147	45.311	ug/L	99
22) 2-Butanone	3.957	43	237293	94.325	ug/L	99
23) Bromochloromethane	4.246	128	84978	46.182	ug/L	94
25) Chloroform	4.375	83	259217	45.186	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	182260	45.093	ug/L	99
29) Cyclohexane	4.677	56	219047	43.963	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	227373	44.915	ug/L	100
31) Carbon tetrachloride	4.828	117	192549	43.957	ug/L	100
33) Benzene	5.098	78	569987	45.784	ug/L	100
34) Trichloroethene	5.915	95	148791	41.589	ug/L	98
35) Methylcyclohexane	6.133	83	227248	43.539	ug/L	98
37) 1,2-Dichloropropane	6.175	63	146983	46.626	ug/L	100
38) Bromodichloromethane	6.513	83	185922	44.748	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	225246	45.124	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	431462	99.500	ug/L	99
42) Toluene	7.391	91	613794	46.162	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	210141	44.671	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	148387	46.989	ug/L	98
46) Tetrachloroethene	7.979	164	118052	44.400	ug/L	97
48) 2-Hexanone	8.140	43	335354	99.839	ug/L	99
49) Dibromochloromethane	8.249	129	158107	45.346	ug/L	100
50) 1,2-Dibromoethane	8.355	107	159376	46.377	ug/L	99
51) Chlorobenzene	8.882	112	393381	45.312	ug/L	99
52) Ethylbenzene	9.014	91	646748	45.592	ug/L	100
53) m,p-Xylene	9.140	106	252327	45.897	ug/L	97
54) o-Xylene	9.545	106	249936	45.864	ug/L	99
55) Styrene	9.561	104	427929	46.893	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	234077	53.245	ug/L	98
59) Bromoform	9.734	173	112458	44.036	ug/L	99
60) Isopropylbenzene	9.934	105	657175	45.629	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	187213	47.156	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	547964	45.337	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	557389	45.357	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	313377	44.930	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	314086	45.114	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	319809	45.453	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	47606	49.320	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	225733	44.648	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	192568	45.415	ug/L	99
71) Naphthalene	13.503	128	621572	50.465	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	198114	46.509	ug/L	100

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

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