

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083121\
 Data File : VV022028.D
 Acq On : 31 Aug 2021 09:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050323

Quant Time: Sep 01 02:29:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 31 04:25:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	352331	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	340024	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	191085	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	106969	43.841	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.680%
7) Chloroethane-d5	1.561	69	93779	49.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.440%
11) 1,1-Dichloroethene-d2	2.105	63	205230	50.860	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.720%
21) 2-Butanone-d5	3.870	46	179657	107.364	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.360%
24) Chloroform-d	4.346	84	234765	52.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.540%
26) 1,2-Dichloroethane-d4	5.027	65	142240	54.279	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.560%
32) Benzene-d6	5.047	84	480124	52.059	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.120%
36) 1,2-Dichloropropane-d6	6.069	67	150337	51.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.660%
41) Toluene-d8	7.313	98	457331	52.531	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.060%
43) trans-1,3-Dichloroprop...	7.619	79	71710	51.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.900%
47) 2-Hexanone-d5	8.088	63	123176	110.683	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	211124	56.836	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.680%
66) 1,2-Dichlorobenzene-d4	11.625	152	190732	50.774	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	126296	52.148	ug/L	100
3) Chloromethane	1.240	50	132883	51.817	ug/L	100
5) Vinyl chloride	1.310	62	137395	53.155	ug/L	100
6) Bromomethane	1.513	94	83163	53.514	ug/L	98
8) Chloroethane	1.580	64	86458	53.469	ug/L	98
9) Trichlorofluoromethane	1.748	101	207884	56.477	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	120587	55.854	ug/L	97
12) 1,1-Dichloroethene	2.114	96	111133	54.683	ug/L	90
13) Acetone	2.156	43	175655	125.284	ug/L #	74
14) Carbon disulfide	2.291	76	326620	53.262	ug/L	99
15) Methyl Acetate	2.423	43	146923	53.810	ug/L	97
16) Methylene chloride	2.503	84	144661	53.128	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	134456	54.718	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	410346	52.551	ug/L	99
19) 1,1-Dichloroethane	3.185	63	239215	54.659	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	145902	53.347	ug/L	100
22) 2-Butanone	3.953	43	223452	113.381	ug/L	98
23) Bromochloromethane	4.243	128	79462	54.557	ug/L	99
25) Chloroform	4.371	83	257132	55.502	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	170991	55.060	ug/L	98
29) Cyclohexane	4.674	56	202069	53.162	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	213874	52.924	ug/L	99
31) Carbon tetrachloride	4.825	117	185582	53.451	ug/L	100
33) Benzene	5.095	78	535969	54.178	ug/L	100
34) Trichloroethene	5.911	95	143573	51.236	ug/L	99
35) Methylcyclohexane	6.130	83	217002	52.972	ug/L	100
37) 1,2-Dichloropropane	6.172	63	138183	53.886	ug/L	99
38) Bromodichloromethane	6.509	83	177799	54.217	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	215189	54.352	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	365658	105.179	ug/L	99
42) Toluene	7.387	91	581730	54.484	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	202424	54.934	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	141230	54.127	ug/L	99
46) Tetrachloroethene	7.976	164	116711	53.564	ug/L	97
48) 2-Hexanone	8.136	43	294896	109.325	ug/L	99
49) Dibromochloromethane	8.246	129	149778	53.627	ug/L	98
50) 1,2-Dibromoethane	8.352	107	150342	53.688	ug/L	100
51) Chlorobenzene	8.882	112	380709	53.033	ug/L	99
52) Ethylbenzene	9.011	91	622923	53.895	ug/L	99
53) m,p-Xylene	9.140	106	243130	54.120	ug/L	99
54) o-Xylene	9.545	106	238391	53.631	ug/L	97
55) Styrene	9.561	104	418243	55.135	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	210963	55.803	ug/L	99
59) Bromoform	9.731	173	106544	52.497	ug/L	100
60) Isopropylbenzene	9.934	105	636099	52.978	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	167101	50.457	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	529095	52.489	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	542808	52.979	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	320882	52.636	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	324663	52.045	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	315103	52.056	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	40377	50.587	ug/L	93
69) 1,3,5-Trichlorobenzene	12.648	180	234751	51.498	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	202780	50.569	ug/L	100
71) Naphthalene	13.503	128	581280	50.392	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	203218	51.958	ug/L	100

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

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