

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031519.D
 Acq On : 15 Jun 2023 10:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050371

Quant Time: Jun 16 02:42:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 15 00:30:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	250692	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	243280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	149693	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	75554	45.284	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.560%
7) Chloroethane-d5	1.535	69	67084	46.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.160%
11) 1,1-Dichloroethene-d2	2.063	65	37202	43.264	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.520%
21) 2-Butanone-d5	3.799	46	120847	89.451	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.450%
24) Chloroform-d	4.256	84	193222	46.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.480%
26) 1,2-Dichloroethane-d4	4.947	65	122227	46.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.500%
32) Benzene-d6	4.966	84	330434	48.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.500%
36) 1,2-Dichloropropane-d6	5.995	67	114873	47.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.660%
41) Toluene-d8	7.249	98	311758	49.612	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.220%
43) trans-1,3-Dichloroprop...	7.554	79	57970	48.995	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.980%
47) 2-Hexanone-d5	8.030	63	91874	95.873	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.870%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	168644	46.034	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.060%
66) 1,2-Dichlorobenzene-d4	11.567	152	130730	45.815	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.111	85	125699	47.271	ug/L	100
3) Chloromethane	1.217	50	115106	45.874	ug/L	100
5) Vinyl chloride	1.288	62	117026	47.049	ug/L	99
6) Bromomethane	1.494	94	75520	46.584	ug/L	96
8) Chloroethane	1.555	64	71961	44.793	ug/L	97
9) Trichlorofluoromethane	1.719	101	193872	46.851	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	107683	48.558	ug/L	98
12) 1,1-Dichloroethene	2.076	96	89366	48.177	ug/L	96
13) Acetone	2.124	43	129921	97.459	ug/L	99
14) Carbon disulfide	2.246	76	274030	48.838	ug/L	100
15) Methyl Acetate	2.378	43	105854	47.163	ug/L	98
16) Methylene chloride	2.455	84	106684	45.875	ug/L	94
17) trans-1,2-Dichloroethene	2.699	96	93527	48.303	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	310789	48.105	ug/L	99
19) 1,1-Dichloroethane	3.117	63	198820	47.576	ug/L	99
20) cis-1,2-Dichloroethene	3.821	96	99417	47.511	ug/L	95
22) 2-Butanone	3.879	43	152210	91.398	ug/L	100
23) Bromochloromethane	4.153	128	55219	48.819	ug/L	96
25) Chloroform	4.284	83	207796	47.833	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	161271	48.101	ug/L	98
29) Cyclohexane	4.593	56	159572	50.415	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	191370	49.063	ug/L	99
31) Carbon tetrachloride	4.741	117	168887	48.868	ug/L	99
33) Benzene	5.018	78	405989	50.124	ug/L	100
34) Trichloroethene	5.837	95	107427	49.634	ug/L	98
35) Methylcyclohexane	6.056	83	165191	51.799	ug/L	99
37) 1,2-Dichloropropane	6.098	63	117362	49.344	ug/L	99
38) Bromodichloromethane	6.439	83	157668	49.044	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	174045	49.296	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	279197	99.971	ug/L	99
42) Toluene	7.320	91	433958	51.674	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	171884	49.992	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	108400	48.246	ug/L	98
46) Tetrachloroethene	7.911	164	85807	50.513	ug/L	98
48) 2-Hexanone	8.082	43	223487	100.197	ug/L	99
49) Dibromochloromethane	8.181	129	124406	49.820	ug/L	100
50) 1,2-Dibromoethane	8.288	107	116292	48.609	ug/L	99
51) Chlorobenzene	8.818	112	272527	48.998	ug/L	98
52) Ethylbenzene	8.950	91	477832	50.992	ug/L	100
53) m,p-Xylene	9.078	106	177284	51.661	ug/L	97
54) o-Xylene	9.484	106	167927	51.565	ug/L	99
55) Styrene	9.500	104	317193	54.537	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	178502	48.623	ug/L	97
59) Bromoform	9.670	173	91750	49.446	ug/L	98
60) Isopropylbenzene	9.873	105	473593	49.626	ug/L	100
61) 1,2,3-Trichloropropane	10.213	75	136489	46.164	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	393477	49.886	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	370947	50.474	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	232815	48.660	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	246463	48.341	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	234695	48.601	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	39852	45.413	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	175322	48.090	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	154487	48.344	ug/L	98
71) Naphthalene	13.445	128	388737	48.026	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	159506	48.033	ug/L	97

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

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