

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111623\
 Data File : VW032968.D
 Acq On : 16 Nov 2023 15:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050330

Quant Time: Nov 17 00:57:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 17 00:55:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	405743	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	409416	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	240708	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	157790	45.981	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.960%
7) Chloroethane-d5	1.529	69	138567	48.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.480%
11) 1,1-Dichloroethene-d2	2.056	65	72158	48.261	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.520%
21) 2-Butanone-d5	3.780	46	127781	86.870	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.870%
24) Chloroform-d	4.243	84	305303	51.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	4.937	65	180568	50.057	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.120%
32) Benzene-d6	4.957	84	564558	50.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.120%
36) 1,2-Dichloropropane-d6	5.985	67	169939	52.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.720%
41) Toluene-d8	7.239	98	534502	51.919	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.840%
43) trans-1,3-Dichloroprop...	7.548	79	87309	50.669	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.340%
47) 2-Hexanone-d5	8.021	63	122747	103.227	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.230%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	253889	53.398	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	228814	48.921	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	185926	52.993	ug/L	99
3) Chloromethane	1.214	50	167653	48.361	ug/L	99
5) Vinyl chloride	1.281	62	173058	49.613	ug/L	98
6) Bromomethane	1.484	94	113985	49.295	ug/L	97
8) Chloroethane	1.548	64	112109	50.894	ug/L	96
9) Trichlorofluoromethane	1.712	101	293853	53.058	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	177102	55.200	ug/L	98
12) 1,1-Dichloroethene	2.069	96	150835	52.557	ug/L	94
13) Acetone	2.108	43	186652	95.050	ug/L	99
14) Carbon disulfide	2.240	76	408234	49.951	ug/L	99
15) Methyl Acetate	2.368	43	119002	51.542	ug/L	98
16) Methylene chloride	2.445	84	153107	50.005	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	144288	50.786	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	422864	50.716	ug/L	99
19) 1,1-Dichloroethane	3.108	63	253759	49.995	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	159157	52.018	ug/L	97
22) 2-Butanone	3.857	43	171871	93.965	ug/L	96
23) Bromochloromethane	4.143	128	87220	50.753	ug/L	95
25) Chloroform	4.272	83	282969	50.522	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	213342	50.497	ug/L	99
29) Cyclohexane	4.580	56	206692	52.533	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	261367	52.092	ug/L	99
31) Carbon tetrachloride	4.731	117	236016	52.602	ug/L	99
33) Benzene	5.008	78	577831	51.965	ug/L	100
34) Trichloroethene	5.828	95	158501	52.448	ug/L	99
35) Methylcyclohexane	6.050	83	247983	54.449	ug/L	99
37) 1,2-Dichloropropane	6.088	63	146565	52.779	ug/L	100
38) Bromodichloromethane	6.429	83	210895	50.910	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	234727	50.824	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	323655	109.292	ug/L	100
42) Toluene	7.313	91	644392	53.106	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	236798	52.785	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	159614	51.796	ug/L	98
46) Tetrachloroethene	7.902	164	133521	51.361	ug/L	97
48) 2-Hexanone	8.072	43	263315	102.058	ug/L	100
49) Dibromochloromethane	8.175	129	174364	52.523	ug/L	97
50) 1,2-Dibromoethane	8.281	107	168886	51.489	ug/L	99
51) Chlorobenzene	8.812	112	434732	51.719	ug/L	99
52) Ethylbenzene	8.947	91	723456	53.837	ug/L	99
53) m,p-Xylene	9.072	106	281298	54.442	ug/L	100
54) o-Xylene	9.477	106	266980	53.588	ug/L	98
55) Styrene	9.497	104	486436	55.354	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	244704	51.616	ug/L	98
59) Bromoform	9.664	173	130264	50.870	ug/L	100
60) Isopropylbenzene	9.866	105	745522	52.320	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	176421	50.071	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	579102	53.574	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	607973	53.792	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	376342	50.639	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	388313	48.719	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	371080	49.653	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	47559	48.298	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	280911	50.380	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	255196	50.951	ug/L	99
71) Naphthalene	13.439	128	698962	53.103	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	264138	52.400	ug/L	98

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

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