

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110723\
 Data File : VW032875.D
 Acq On : 07 Nov 2023 17:25
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050321

Quant Time: Nov 08 01:41:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	331413	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	369349	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	202069	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	100133	31.766	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.540%
7) Chloroethane-d5	1.532	69	99295	37.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.320%
11) 1,1-Dichloroethene-d2	2.060	65	44750	34.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.740%
21) 2-Butanone-d5	3.786	46	146123	106.873	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.870%
24) Chloroform-d	4.252	84	228428	45.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.944	65	138356	44.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.480%
32) Benzene-d6	4.963	84	403619	42.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	5.992	67	121253	42.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.060%
41) Toluene-d8	7.246	98	405026	43.315	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.620%
43) trans-1,3-Dichloroprop...	7.555	79	68130	45.342	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.680%
47) 2-Hexanone-d5	8.027	63	114545	108.752	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.750%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	224751	51.335	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.680%
66) 1,2-Dichlorobenzene-d4	11.564	152	179579	46.117	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	121979	41.829	ug/L	99
3) Chloromethane	1.217	50	120825	42.828	ug/L	99
5) Vinyl chloride	1.285	62	129908	43.184	ug/L	99
6) Bromomethane	1.484	94	91660	43.668	ug/L	95
8) Chloroethane	1.548	64	91087	44.978	ug/L	96
9) Trichlorofluoromethane	1.716	101	219285	45.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	130740	45.072	ug/L	99
12) 1,1-Dichloroethene	2.069	96	112462	45.370	ug/L	83
13) Acetone	2.111	43	138793	60.646	ug/L	98
14) Carbon disulfide	2.243	76	257684	43.549	ug/L	100
15) Methyl Acetate	2.375	43	116048	50.011	ug/L	98
16) Methylene chloride	2.449	84	130100	39.570	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	106126	44.857	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	366522	52.459	ug/L	99
19) 1,1-Dichloroethane	3.114	63	208637	46.275	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	126756	48.512	ug/L	99
22) 2-Butanone	3.867	43	159719	82.294	ug/L	99
23) Bromochloromethane	4.150	128	72599	49.782	ug/L	99
25) Chloroform	4.278	83	240260	46.754	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	184140	49.722	ug/L	98
29) Cyclohexane	4.587	56	143391	43.197	ug/L #	94
30) 1,1,1-Trichloroethane	4.516	97	208198	47.049	ug/L	98
31) Carbon tetrachloride	4.738	117	179286	45.850	ug/L	99
33) Benzene	5.011	78	471818	48.175	ug/L	100
34) Trichloroethene	5.834	95	121963	44.735	ug/L	98
35) Methylcyclohexane	6.053	83	191472	44.883	ug/L	96
37) 1,2-Dichloropropane	6.095	63	134338	51.673	ug/L	98
38) Bromodichloromethane	6.436	83	195227	47.867	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	195200	50.049	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	344330	111.760	ug/L	98
42) Toluene	7.317	91	555545	49.809	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	200552	50.062	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	148162	49.687	ug/L	100
46) Tetrachloroethene	7.908	164	108596	44.146	ug/L	96
48) 2-Hexanone	8.075	43	261815	94.711	ug/L	98
49) Dibromochloromethane	8.178	129	157642	50.566	ug/L	98
50) 1,2-Dibromoethane	8.284	107	156432	51.493	ug/L	99
51) Chlorobenzene	8.815	112	375102	47.505	ug/L	99
52) Ethylbenzene	8.950	91	603381	49.042	ug/L	100
53) m,p-Xylene	9.075	106	235515	50.297	ug/L	97
54) o-Xylene	9.481	106	227521	50.156	ug/L	97
55) Styrene	9.497	104	416694	52.710	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	235595	52.752	ug/L	99
59) Bromoform	9.667	173	116665	51.495	ug/L	99
60) Isopropylbenzene	9.870	105	619270	50.535	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	173158	51.303	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	497440	51.585	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	487684	52.868	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	315538	49.426	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	326075	48.407	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	322052	49.414	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	45795	52.134	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	224419	48.694	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	204024	51.189	ug/L	99
71) Naphthalene	13.442	128	629728	63.269	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	217658	54.695	ug/L	100

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

