

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020422\
 Data File : VW024560.D
 Acq On : 04 Feb 2022 13:31
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050284

Quant Time: Feb 05 00:19:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 05 00:18:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	304499	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	286835	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	132782	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	79970	36.984	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.960%
7) Chloroethane-d5	1.568	69	91931	48.778	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.560%
11) 1,1-Dichloroethene-d2	2.108	63	177394	41.179	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.360%
21) 2-Butanone-d5	3.876	46	151392	105.857	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.860%
24) Chloroform-d	4.343	84	190096	47.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
26) 1,2-Dichloroethane-d4	5.024	65	125219	49.402	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
32) Benzene-d6	5.043	84	364626	44.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.420%
36) 1,2-Dichloropropane-d6	6.063	67	120977	46.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.200%
41) Toluene-d8	7.310	98	323496	43.099	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.616	79	63070	46.163	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.320%
47) 2-Hexanone-d5	8.082	63	113066	102.533	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.530%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	158394	50.888	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.780%
66) 1,2-Dichlorobenzene-d4	11.622	152	118510	47.173	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	90334	40.127	ug/L	100
3) Chloromethane	1.243	50	108905	48.525	ug/L	99
5) Vinyl chloride	1.311	62	106360	44.606	ug/L	96
6) Bromomethane	1.523	94	81862	55.774	ug/L	97
8) Chloroethane	1.584	64	91063	55.986	ug/L	100
9) Trichlorofluoromethane	1.751	101	155039	43.855	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	84408	45.070	ug/L	97
12) 1,1-Dichloroethene	2.118	96	84189	46.727	ug/L	97
13) Acetone	2.175	43	98553	65.552	ug/L	100
14) Carbon disulfide	2.291	76	220627	44.159	ug/L	99
15) Methyl Acetate	2.429	43	108839	54.648	ug/L	100
16) Methylene chloride	2.503	84	105289	52.905	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	89705	48.687	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	352082	54.720	ug/L	99
19) 1,1-Dichloroethane	3.185	63	183514	51.385	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	108273	52.056	ug/L	97
22) 2-Butanone	3.963	43	148563	87.755	ug/L	96
23) Bromochloromethane	4.240	128	53996	53.948	ug/L	98
25) Chloroform	4.368	83	192459	51.788	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	155272	53.303	ug/L	99
29) Cyclohexane	4.671	56	132830	39.674	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	155265	45.268	ug/L	100
31) Carbon tetrachloride	4.822	117	125233	44.213	ug/L	100
33) Benzene	5.092	78	399075	48.899	ug/L	100
34) Trichloroethene	5.908	95	108982	47.396	ug/L	98
35) Methylcyclohexane	6.124	83	142556	41.089	ug/L	98
37) 1,2-Dichloropropane	6.166	63	112400	52.232	ug/L	99
38) Bromodichloromethane	6.503	83	155955	51.692	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	179368	50.781	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	319235	105.918	ug/L	100
42) Toluene	7.381	91	422800	48.357	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	176301	51.394	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	106690	51.859	ug/L	100
46) Tetrachloroethene	7.969	164	61958	45.353	ug/L	97
48) 2-Hexanone	8.133	43	249135	97.186	ug/L	100
49) Dibromochloromethane	8.243	129	114381	52.674	ug/L	99
50) 1,2-Dibromoethane	8.349	107	112960	52.801	ug/L	99
51) Chlorobenzene	8.876	112	270771	49.623	ug/L	99
52) Ethylbenzene	9.008	91	454067	46.927	ug/L	98
53) m,p-Xylene	9.133	106	170619	47.125	ug/L	96
54) o-Xylene	9.538	106	175291	48.480	ug/L	99
55) Styrene	9.558	104	303009	49.500	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	154832	52.557	ug/L	100
59) Bromoform	9.728	173	69993	54.615	ug/L	99
60) Isopropylbenzene	9.928	105	444320	46.858	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	139749	53.018	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	387481	47.854	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	394651	48.429	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	193399	49.878	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	195428	49.761	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	198356	51.170	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	36807	52.985	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	127572	49.612	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	119006	51.941	ug/L	98
71) Naphthalene	13.500	128	455626	54.243	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	120336	53.768	ug/L	98

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

