

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW027963.D
 Acq On : 20 Sep 2022 15:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050342

Quant Time: Sep 21 01:48:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:43:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	381740	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	366221	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	199001	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	156480	46.693	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.380%
7) Chloroethane-d5	1.552	69	122467	45.746	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.500%
11) 1,1-Dichloroethene-d2	2.098	63	275416	46.390	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.780%
21) 2-Butanone-d5	3.867	46	216581	108.682	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.680%
24) Chloroform-d	4.339	84	267690	47.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
26) 1,2-Dichloroethane-d4	5.021	65	177256	48.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.220%
32) Benzene-d6	5.040	84	540093	51.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.340%
36) 1,2-Dichloropropane-d6	6.063	67	171002	52.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.920%
41) Toluene-d8	7.310	98	488017	50.487	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.980%
43) trans-1,3-Dichloroprop...	7.616	79	84608	51.908	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.820%
47) 2-Hexanone-d5	8.085	63	184584	115.597	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	237923	49.592	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.180%
66) 1,2-Dichlorobenzene-d4	11.622	152	189471	49.047	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	131316	45.487	ug/L	99
3) Chloromethane	1.237	50	159345	47.254	ug/L	97
5) Vinyl chloride	1.304	62	160564	46.830	ug/L	100
6) Bromomethane	1.500	94	105404	47.091	ug/L	98
8) Chloroethane	1.568	64	101167	46.591	ug/L	97
9) Trichlorofluoromethane	1.741	101	228399	45.221	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	126008	45.477	ug/L	99
12) 1,1-Dichloroethene	2.108	96	126221	45.572	ug/L	89
13) Acetone	2.153	43	163959	92.321	ug/L	98
14) Carbon disulfide	2.282	76	342985	46.798	ug/L	99
15) Methyl Acetate	2.420	43	156294	50.947	ug/L	99
16) Methylene chloride	2.497	84	145881	44.922	ug/L	98
17) trans-1,2-Dichloroethene	2.748	96	122037	46.296	ug/L	96
18) Methyl tert-butyl Ether	2.761	73	415620	50.227	ug/L	99
19) 1,1-Dichloroethane	3.179	63	235469	46.240	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	139854	47.569	ug/L	95
22) 2-Butanone	3.950	43	224796	106.330	ug/L	100
23) Bromochloromethane	4.236	128	74769	47.123	ug/L	96
25) Chloroform	4.365	83	252725	46.486	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	212573	50.416	ug/L	99
29) Cyclohexane	4.667	56	219273	54.848	ug/L	98
30) 1,1,1-Trichloroethane	4.597	97	226685	50.282	ug/L	100
31) Carbon tetrachloride	4.818	117	196518	49.085	ug/L	99
33) Benzene	5.092	78	567601	51.950	ug/L	100
34) Trichloroethene	5.905	95	133676	49.372	ug/L	97
35) Methylcyclohexane	6.124	83	218259	49.946	ug/L	99
37) 1,2-Dichloropropane	6.166	63	153422	53.529	ug/L	99
38) Bromodichloromethane	6.503	83	197481	49.345	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	221058	50.933	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	489539	119.757	ug/L	98
42) Toluene	7.381	91	598516	51.694	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	226771	52.375	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	146843	50.786	ug/L	98
46) Tetrachloroethene	7.973	164	106249	47.167	ug/L	98
48) 2-Hexanone	8.133	43	382879	115.450	ug/L	99
49) Dibromochloromethane	8.243	129	158298	49.594	ug/L	98
50) 1,2-Dibromoethane	8.346	107	151317	51.031	ug/L	100
51) Chlorobenzene	8.876	112	373347	48.303	ug/L	99
52) Ethylbenzene	9.008	91	625117	50.012	ug/L	100
53) m,p-Xylene	9.133	106	239633	50.002	ug/L	97
54) o-Xylene	9.542	106	236800	51.210	ug/L	98
55) Styrene	9.558	104	427460	52.095	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	242464	49.996	ug/L	99
59) Bromoform	9.728	173	119760	52.005	ug/L	98
60) Isopropylbenzene	9.928	105	621378	52.796	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	193439	51.784	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	514489	51.119	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	517084	51.517	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	292441	48.751	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	300476	48.891	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	306633	50.305	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	62057	54.062	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	224162	47.654	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	198382	47.061	ug/L	99
71) Naphthalene	13.500	128	732033	54.091	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	212430	48.792	ug/L	100

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

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