

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026885.D
 Acq On : 22 Jul 2022 13:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050304

Quant Time: Jul 23 00:19:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 23 00:07:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	601988	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	594906	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	339209	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	224982	44.560	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.120%
7) Chloroethane-d5	1.561	69	185223	45.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.700%
11) 1,1-Dichloroethene-d2	2.101	63	413732	45.548	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.100%
21) 2-Butanone-d5	3.880	46	348817	102.497	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.500%
24) Chloroform-d	4.343	84	452755	45.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
26) 1,2-Dichloroethane-d4	5.024	65	262263	46.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.280%
32) Benzene-d6	5.043	84	897753	49.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	6.066	67	282000	48.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.320%
41) Toluene-d8	7.310	98	813555	51.706	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.420%
43) trans-1,3-Dichloroprop...	7.619	79	126332	52.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.060%
47) 2-Hexanone-d5	8.085	63	276282	109.492	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.490%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	422363	47.976	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.960%
66) 1,2-Dichlorobenzene-d4	11.622	152	312380	49.087	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	287646	46.253	ug/L	99
3) Chloromethane	1.237	50	260752	44.836	ug/L	99
5) Vinyl chloride	1.304	62	285018	46.103	ug/L	99
6) Bromomethane	1.516	94	170770	45.715	ug/L	100
8) Chloroethane	1.577	64	167090	45.996	ug/L	100
9) Trichlorofluoromethane	1.745	101	386941	45.415	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	230898	46.337	ug/L	99
12) 1,1-Dichloroethene	2.111	96	211234	45.383	ug/L	100
13) Acetone	2.169	43	238772	99.923	ug/L	99
14) Carbon disulfide	2.288	76	613504	46.197	ug/L	99
15) Methyl Acetate	2.426	43	250047	47.442	ug/L	100
16) Methylene chloride	2.500	84	265538	44.755	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	232898	47.355	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	687655	50.332	ug/L	100
19) 1,1-Dichloroethane	3.182	63	427346	47.180	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	256352	49.458	ug/L	99
22) 2-Butanone	3.960	43	350884	107.664	ug/L	100
23) Bromochloromethane	4.240	128	137720	46.402	ug/L	99
25) Chloroform	4.368	83	448756	46.452	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	314119	46.079	ug/L	100
29) Cyclohexane	4.670	56	339009	54.494	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	381978	48.597	ug/L	100
31) Carbon tetrachloride	4.822	117	331079	48.108	ug/L	100
33) Benzene	5.092	78	980679	51.259	ug/L	100
34) Trichloroethene	5.908	95	244811	49.796	ug/L	99
35) Methylcyclohexane	6.127	83	395872	54.384	ug/L	99
37) 1,2-Dichloropropane	6.169	63	254477	51.107	ug/L	99
38) Bromodichloromethane	6.506	83	327307	48.496	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	369680	53.495	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	649666	109.636	ug/L	99
42) Toluene	7.384	91	1033747	52.937	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	353518	51.875	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	260607	49.146	ug/L	99
46) Tetrachloroethene	7.973	164	192662	50.237	ug/L	98
48) 2-Hexanone	8.137	43	509430	110.460	ug/L	97
49) Dibromochloromethane	8.243	129	268801	48.500	ug/L	99
50) 1,2-Dibromoethane	8.349	107	267650	49.335	ug/L	99
51) Chlorobenzene	8.879	112	672968	49.441	ug/L	99
52) Ethylbenzene	9.011	91	1074773	53.023	ug/L	100
53) m,p-Xylene	9.137	106	429291	54.089	ug/L	98
54) o-Xylene	9.542	106	414469	54.222	ug/L	99
55) Styrene	9.558	104	747380	55.363	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	420749	49.155	ug/L	100
59) Bromoform	9.728	173	181510	47.895	ug/L	99
60) Isopropylbenzene	9.931	105	1079204	53.836	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	328374	48.243	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	896791	55.045	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	905646	55.420	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	526406	51.396	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	546627	50.368	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	531347	50.565	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	89023	48.954	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	369934	51.020	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	321539	52.632	ug/L	99
71) Naphthalene	13.500	128	1079142	56.172	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	342246	53.705	ug/L	99

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

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