

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072722\
 Data File : VW026994.D
 Acq On : 27 Jul 2022 10:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050312

Quant Time: Jul 28 01:38:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 02:43:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	575075	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	583931	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	333307	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	201986	41.878	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.760%
7) Chloroethane-d5	1.565	69	174693	44.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.540%
11) 1,1-Dichloroethene-d2	2.105	63	378258	43.592	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.180%
21) 2-Butanone-d5	3.886	46	309870	95.314	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.310%
24) Chloroform-d	4.339	84	432053	45.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.040%
26) 1,2-Dichloroethane-d4	5.024	65	244772	45.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.160%
32) Benzene-d6	5.043	84	826545	46.827	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.660%
36) 1,2-Dichloropropane-d6	6.063	67	264099	46.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.860%
41) Toluene-d8	7.310	98	737796	47.773	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.540%
43) trans-1,3-Dichloroprop...	7.616	79	114744	48.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.280%
47) 2-Hexanone-d5	8.085	63	228745	92.356	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	408071	47.224	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	11.622	152	296921	47.484	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	245580	41.337	ug/L	99
3) Chloromethane	1.240	50	229517	41.312	ug/L	98
5) Vinyl chloride	1.307	62	254346	43.067	ug/L	99
6) Bromomethane	1.520	94	166694	46.712	ug/L	99
8) Chloroethane	1.581	64	159489	45.959	ug/L	98
9) Trichlorofluoromethane	1.748	101	359449	44.162	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	221925	46.620	ug/L	99
12) 1,1-Dichloroethene	2.111	96	201145	45.237	ug/L	96
13) Acetone	2.179	43	291590	127.737	ug/L	98
14) Carbon disulfide	2.288	76	542435	42.757	ug/L	100
15) Methyl Acetate	2.429	43	222578	44.206	ug/L	99
16) Methylene chloride	2.500	84	250900	44.267	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	218108	46.423	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	641766	49.172	ug/L	100
19) 1,1-Dichloroethane	3.182	63	401573	46.409	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	237711	48.008	ug/L	99
22) 2-Butanone	3.966	43	336517	108.088	ug/L	99
23) Bromochloromethane	4.240	128	132584	46.763	ug/L	98
25) Chloroform	4.365	83	426354	46.199	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	298365	45.817	ug/L	99
29) Cyclohexane	4.670	56	296722	48.593	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	367820	47.676	ug/L	99
31) Carbon tetrachloride	4.822	117	316627	46.873	ug/L	100
33) Benzene	5.092	78	918003	48.885	ug/L	100
34) Trichloroethene	5.908	95	222196	46.045	ug/L	98
35) Methylcyclohexane	6.124	83	353328	49.452	ug/L	98
37) 1,2-Dichloropropane	6.166	63	238369	48.772	ug/L	98
38) Bromodichloromethane	6.503	83	308056	46.502	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	342785	50.536	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	576101	99.049	ug/L	99
42) Toluene	7.381	91	972940	50.760	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	331146	49.505	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	249258	47.890	ug/L	98
46) Tetrachloroethene	7.973	164	184203	48.934	ug/L	97
48) 2-Hexanone	8.137	43	470732	103.987	ug/L	98
49) Dibromochloromethane	8.243	129	260141	47.819	ug/L	99
50) 1,2-Dibromoethane	8.349	107	253605	47.624	ug/L	99
51) Chlorobenzene	8.876	112	641299	48.000	ug/L	99
52) Ethylbenzene	9.008	91	991920	49.856	ug/L	100
53) m,p-Xylene	9.137	106	407400	52.296	ug/L	97
54) o-Xylene	9.542	106	383658	51.135	ug/L	99
55) Styrene	9.558	104	712645	53.782	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	396567	47.201	ug/L	99
59) Bromoform	9.728	173	172638	46.361	ug/L	99
60) Isopropylbenzene	9.928	105	1004085	50.976	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	304514	45.530	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	831863	51.964	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	839343	52.272	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	491934	48.881	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	506237	47.472	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	501605	48.579	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	76183	42.635	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	334771	46.988	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	278057	46.320	ug/L	100
71) Naphthalene	13.500	128	866578	45.906	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	306915	49.014	ug/L	100

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

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