

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027037.D
 Acq On : 28 Jul 2022 11:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050315

Quant Time: Jul 29 02:01:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:53:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	580506	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	578641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	325921	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	177383	32.119	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.240%
7) Chloroethane-d5	1.561	69	154872	35.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.780%
11) 1,1-Dichloroethene-d2	2.101	63	339276	36.085	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.160%
21) 2-Butanone-d5	3.889	46	261540	83.052	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.050%
24) Chloroform-d	4.339	84	399203	40.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.260%
26) 1,2-Dichloroethane-d4	5.024	65	223824	39.640	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.280%
32) Benzene-d6	5.043	84	737311	36.285	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.580%
36) 1,2-Dichloropropane-d6	6.063	67	241244	38.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.580%
41) Toluene-d8	7.310	98	659792	35.924	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.840%#
43) trans-1,3-Dichloroprop...	7.619	79	110653	40.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.560%
47) 2-Hexanone-d5	8.088	63	228744	85.557	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	400505	42.711	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.420%
66) 1,2-Dichlorobenzene-d4	11.622	152	283190	38.652	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.300%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	248792	41.295	ug/L	99
3) Chloromethane	1.236	50	219341	39.815	ug/L	99
5) Vinyl chloride	1.307	62	251482	43.036	ug/L	99
6) Bromomethane	1.516	94	156872	43.713	ug/L	97
8) Chloroethane	1.581	64	162040	47.229	ug/L	99
9) Trichlorofluoromethane	1.748	101	371336	49.533	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	228624	52.828	ug/L	99
12) 1,1-Dichloroethene	2.111	96	205074	48.499	ug/L	89
13) Acetone	2.182	43	283990	121.756	ug/L	96
14) Carbon disulfide	2.285	76	501000	37.346	ug/L	99
15) Methyl Acetate	2.433	43	182894	47.184	ug/L	99
16) Methylene chloride	2.500	84	263383	48.866	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	225766	48.768	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	716582	56.355	ug/L	99
19) 1,1-Dichloroethane	3.182	63	433789	53.660	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	257287	53.744	ug/L	100
22) 2-Butanone	3.973	43	330961	128.619	ug/L	97
23) Bromochloromethane	4.240	128	143696	55.722	ug/L	99
25) Chloroform	4.365	83	466823	54.772	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	315838	53.852	ug/L	99
29) Cyclohexane	4.670	56	314387	50.569	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	398824	53.700	ug/L	99
31) Carbon tetrachloride	4.822	117	338773	52.398	ug/L	100
33) Benzene	5.092	78	981945	52.658	ug/L	100
34) Trichloroethene	5.908	95	245468	51.145	ug/L	99
35) Methylcyclohexane	6.127	83	373365	52.145	ug/L	100
37) 1,2-Dichloropropane	6.169	63	262270	56.196	ug/L	99
38) Bromodichloromethane	6.506	83	343562	55.423	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	380489	56.830	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	647730	109.728	ug/L	100
42) Toluene	7.384	91	1053747	54.807	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	367521	56.462	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	274712	54.979	ug/L	99
46) Tetrachloroethene	7.973	164	196294	52.289	ug/L	98
48) 2-Hexanone	8.140	43	532407	114.449	ug/L	100
49) Dibromochloromethane	8.243	129	289747	56.386	ug/L	99
50) 1,2-Dibromoethane	8.349	107	279513	53.346	ug/L	100
51) Chlorobenzene	8.879	112	701243	54.082	ug/L	99
52) Ethylbenzene	9.011	91	1108536	56.941	ug/L	99
53) m,p-Xylene	9.136	106	448834	58.614	ug/L	99
54) o-Xylene	9.542	106	428872	58.158	ug/L	99
55) Styrene	9.558	104	790521	61.253	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	440568	54.688	ug/L	100
59) Bromoform	9.728	173	193751	52.333	ug/L	99
60) Isopropylbenzene	9.931	105	1133097	55.711	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	339299	49.639	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	936430	107.570	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	953277	137.223	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	551429	55.849	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	568172	54.609	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	563871	54.685	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	86778	48.422	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	384385	57.399	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	327736	57.179	ug/L	100
71) Naphthalene	13.500	128	1051743	52.735	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	354315	56.992	ug/L	100

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

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