

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027040.D
 Acq On : 28 Jul 2022 15:15
 Operator : SY/MD
 Sample : VSTD00537
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005237

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/29/2022
 Supervised By :Mahesh Dadoda 08/01/2022

Quant Time: Jul 29 01:26:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	439780	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	429481	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	191439	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	25595	6.117	ug/L	0.00
7) Chloroethane-d5	1.564	69	22421	6.763	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	37706	5.294	ug/L	0.00
21) 2-Butanone-d5	3.915	46	24163m	9.646	ug/L	0.03
24) Chloroform-d	4.343	84	44576	5.915	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	26077	6.096	ug/L	0.00
32) Benzene-d6	5.047	84	82082	5.442	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	28894	6.259	ug/L	0.00
41) Toluene-d8	7.313	98	64907	4.761	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	9495	4.656	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	13775	6.942	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39165	5.627	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	25623	5.954	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	7969	1.746	ug/L	95
3) Chloromethane	1.237	50	8297	1.988	ug/L	95
5) Vinyl chloride	1.307	62	8396	1.897	ug/L	99
6) Bromomethane	1.516	94	5659	2.081	ug/L	98
8) Chloroethane	1.581	64	5145	1.979	ug/L	95
9) Trichlorofluoromethane	1.748	101	9553	1.682	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	5795	1.768	ug/L	99
12) 1,1-Dichloroethene	2.111	96	6108	1.907	ug/L #	1
13) Acetone	2.179	43	7979m	4.856	ug/L	
14) Carbon disulfide	2.288	76	18375	1.808	ug/L	100
15) Methyl Acetate	2.439	43	6515	2.219	ug/L #	76
17) trans-1,2-Dichloroethene	2.757	96	5841m	1.665	ug/L	
18) Methyl tert-butyl Ether	2.767	73	13905	1.443	ug/L	98
19) 1,1-Dichloroethane	3.185	63	10672	1.743	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	5738	1.582	ug/L	83
22) 2-Butanone	4.018	43	6922m	3.086	ug/L	
23) Bromochloromethane	4.252	128	3462	1.772	ug/L	90
27) 1,2-Dichloroethane	5.137	62	7780	1.751	ug/L	97
29) Cyclohexane	4.670	56	6194	1.342	ug/L #	92
30) 1,1,1-Trichloroethane	4.600	97	9558	1.734	ug/L	96
31) Carbon tetrachloride	4.825	117	7422	1.547	ug/L	99
33) Benzene	5.098	78	21012	1.518	ug/L	100
35) Methylcyclohexane	6.127	83	7385m	1.390	ug/L	
37) 1,2-Dichloropropane	6.175	63	5013	1.447	ug/L #	96
38) Bromodichloromethane	6.513	83	8011	1.741	ug/L	95
39) cis-1,3-Dichloropropene	7.034	75	6051	1.218	ug/L	98
40) 4-Methyl-2-pentanone	7.236	43	9776	2.231	ug/L #	86
42) Toluene	7.391	91	18577	1.302	ug/L	98
44) trans-1,3-Dichloropropene	7.661	75	6687m	1.384	ug/L	
45) 1,1,2-Trichloroethane	7.844	97	6026	1.625	ug/L	96
46) Tetrachloroethene	7.976	164	4451	1.597	ug/L	97
49) Dibromochloromethane	8.249	129	5817	1.525	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 1,2-Dibromoethane	8.358	107	6121	1.574	ug/L #	91
51) Chlorobenzene	8.879	112	15063	1.565	ug/L	98
52) Ethylbenzene	9.014	91	18199	1.259	ug/L	91
53) m,p-Xylene	9.140	106	6578	1.157	ug/L	91
54) o-Xylene	9.545	106	6568	1.200	ug/L	91
55) Styrene	9.567	104	10489	1.095	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	9357	1.565	ug/L	90
59) Bromoform	9.731	173	3643	1.675	ug/L #	95
60) Isopropylbenzene	9.931	105	15493	1.297	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	6705	1.670	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	6375	1.247	ug/L	95
63) 1,2,4-Trimethylbenzene	10.918	105	5484	1.344	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	8561	1.476	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	10072	1.648	ug/L	94
67) 1,2-Dichlorobenzene	11.641	146	9328	1.540	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	1539	1.462	ug/L	89
69) 1,3,5-Trichlorobenzene	12.648	180	5403	1.374	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	3997	1.187	ug/L #	22
71) Naphthalene	13.506	128	11313	0.966	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.747	180	4277	1.171	ug/L	94

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

