

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011823\
 Data File : VW029889.D
 Acq On : 18 Jan 2023 10:20
 Operator : SY/MD
 Sample : VSTD00502
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005202

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 00:24:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 19 00:23:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	491233	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	475717	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	282778	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	14829	4.715	ug/L	0.00
7) Chloroethane-d5	1.564	69	12803	5.257	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	27909	5.604	ug/L	0.00
21) 2-Butanone-d5	3.896	46	16005m	8.448	ug/L	0.03
24) Chloroform-d	4.336	84	28673	4.896	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	15825	4.755	ug/L	0.00
32) Benzene-d6	5.043	84	55958	4.377	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	18158	4.657	ug/L	0.00
41) Toluene-d8	7.307	98	50022	4.172	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	6892	3.573	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	12662m	7.546	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	27454	4.857	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	22741	4.242	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	17125	4.569	ug/L	100
3) Chloromethane	1.240	50	18249	4.335	ug/L	98
5) Vinyl chloride	1.310	62	19360	5.158	ug/L	100
6) Bromomethane	1.519	94	8545	5.809	ug/L	94
8) Chloroethane	1.584	64	13184	6.168	ug/L	96
9) Trichlorofluoromethane	1.751	101	27490	5.795	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	17262	6.421	ug/L	99
12) 1,1-Dichloroethene	2.114	96	16185	5.956	ug/L	96
13) Acetone	2.159	43	26071	18.487	ug/L	98
14) Carbon disulfide	2.291	76	41465	4.852	ug/L	99
15) Methyl Acetate	2.426	43	13929	5.006	ug/L	99
16) Methylene chloride	2.503	84	20386	6.104	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	16965	5.543	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	50368	5.332	ug/L	99
19) 1,1-Dichloroethane	3.182	63	31344	5.886	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	18022	5.312	ug/L	99
22) 2-Butanone	3.969	43	23494	11.655	ug/L	100
23) Bromochloromethane	4.240	128	9903	5.644	ug/L	92
25) Chloroform	4.365	83	32055	5.809	ug/L	98
27) 1,2-Dichloroethane	5.124	62	22005	5.651	ug/L	100
29) Cyclohexane	4.670	56	22986	4.523	ug/L	96
30) 1,1,1-Trichloroethane	4.596	97	28175	5.413	ug/L	99
31) Carbon tetrachloride	4.818	117	23314	5.168	ug/L	99
33) Benzene	5.092	78	68409	5.060	ug/L	100
34) Trichloroethene	5.908	95	18379	5.465	ug/L	96
35) Methylcyclohexane	6.124	83	26862	4.722	ug/L	98
37) 1,2-Dichloropropane	6.166	63	18143	5.507	ug/L	98
38) Bromodichloromethane	6.503	83	23992	5.333	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	23626	4.500	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	35350	9.062	ug/L	99
42) Toluene	7.381	91	70523	4.857	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	21413	4.302	ug/L	94

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45) 1,1,2-Trichloroethane	7.831	97	18941	5.579	ug/L	97
46) Tetrachloroethene	7.966	164	15149	5.586	ug/L	95
48) 2-Hexanone	8.137	43	29536	9.726	ug/L	97
49) Dibromochloromethane	8.236	129	18537	5.011	ug/L	91
50) 1,2-Dibromoethane	8.346	107	17976	5.163	ug/L	100
51) Chlorobenzene	8.870	112	51449	5.555	ug/L	99
52) Ethylbenzene	9.005	91	75414	4.943	ug/L	98
53) m,p-Xylene	9.130	106	30184	4.993	ug/L	95
54) o-Xylene	9.535	106	28439	4.768	ug/L	98
55) Styrene	9.551	104	49978	4.764	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.230	83	31161	5.704	ug/L	99
59) Bromoform	9.722	173	12758	4.248	ug/L	99
60) Isopropylbenzene	9.921	105	75005	4.605	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	22714	5.247	ug/L	98
62) 1,3,5-Trimethylbenzene	10.525	105	60721	4.218	ug/L	96
63) 1,2,4-Trimethylbenzene	10.902	105	60505	4.241	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	40801	5.051	ug/L	97
65) 1,4-Dichlorobenzene	11.259	146	43914	5.342	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	42254	5.125	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	6024	4.566	ug/L	99
69) 1,3,5-Trichlorobenzene	12.632	180	32113	5.032	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	26714	4.716	ug/L	99
71) Naphthalene	13.490	128	61121	4.554	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	25302	4.557	ug/L	99

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

