

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029410.D
 Acq On : 07 Dec 2022 11:34
 Operator : SY/MD
 Sample : VSTD00576
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005276

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 08 00:31:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:30:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	513032	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	467639	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	245171	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15304	4.828	ug/L	0.00
7) Chloroethane-d5	1.555	69	11128	4.305	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	22618	4.062	ug/L	0.00
21) 2-Butanone-d5	3.883	46	16579m	6.457	ug/L	0.02
24) Chloroform-d	4.336	84	28002	4.236	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	15244	3.878	ug/L	0.00
32) Benzene-d6	5.040	84	56652	4.370	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	17288	4.228	ug/L	0.00
41) Toluene-d8	7.307	98	52323	4.345	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	8294	4.108	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	13683	7.788	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	25040	4.606	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	22315	4.494	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	17897	5.027	ug/L	97
3) Chloromethane	1.240	50	24755	6.835	ug/L	98
5) Vinyl chloride	1.307	62	17382	4.944	ug/L	96
6) Bromomethane	1.507	94	8089	4.478	ug/L	98
8) Chloroethane	1.574	64	9302	4.413	ug/L	98
9) Trichlorofluoromethane	1.744	101	22653	4.575	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	12577	4.520	ug/L	98
12) 1,1-Dichloroethene	2.111	96	12744	4.885	ug/L	96
13) Acetone	2.156	43	11739	6.825	ug/L	95
14) Carbon disulfide	2.285	76	41680	5.667	ug/L	99
15) Methyl Acetate	2.423	43	13075	3.655	ug/L	96
16) Methylene chloride	2.497	84	16448	4.707	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	14284	4.668	ug/L	96
18) Methyl tert-butyl Ether	2.760	73	43367	4.132	ug/L	100
19) 1,1-Dichloroethane	3.178	63	24746	4.256	ug/L	95
20) cis-1,2-Dichloroethene	3.902	96	15032	4.209	ug/L	91
22) 2-Butanone	3.969	43	17112m	6.849	ug/L	
23) Bromochloromethane	4.236	128	7981	4.183	ug/L	97
25) Chloroform	4.362	83	24855	4.062	ug/L	96
27) 1,2-Dichloroethane	5.120	62	17993	4.186	ug/L	95
29) Cyclohexane	4.664	56	22410	4.707	ug/L #	91
30) 1,1,1-Trichloroethane	4.590	97	23290	4.457	ug/L	99
31) Carbon tetrachloride	4.815	117	19670	4.340	ug/L	97
33) Benzene	5.088	78	58619	4.628	ug/L	100
34) Trichloroethene	5.908	95	14368	4.077	ug/L	97
35) Methylcyclohexane	6.117	83	24991	4.979	ug/L	99
37) 1,2-Dichloropropane	6.165	63	13439	4.035	ug/L	97
38) Bromodichloromethane	6.500	83	19729	4.355	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	21194	4.019	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	31416	6.766	ug/L	99
42) Toluene	7.381	91	62202	4.549	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	20668	4.105	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	15055	4.455	ug/L	99
46) Tetrachloroethene	7.966	164	11738	4.427	ug/L	97
48) 2-Hexanone	8.136	43	24636	6.896	ug/L	94
49) Dibromochloromethane	8.236	129	16353	4.269	ug/L	99
50) 1,2-Dibromoethane	8.342	107	15213	4.261	ug/L	97
51) Chlorobenzene	8.873	112	40398	4.461	ug/L	99
52) Ethylbenzene	9.005	91	65341	4.416	ug/L	99
53) m,p-Xylene	9.130	106	26006	4.501	ug/L	97
54) o-Xylene	9.532	106	25486	4.412	ug/L	94
55) Styrene	9.551	104	42739	4.386	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	23483	4.597	ug/L	97
59) Bromoform	9.722	173	12218	4.360	ug/L	97
60) Isopropylbenzene	9.921	105	64814	4.291	ug/L	98
61) 1,2,3-Trichloropropane	10.262	75	18146	4.272	ug/L	96
62) 1,3,5-Trimethylbenzene	10.529	105	56029	4.356	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	53662	4.112	ug/L	97
64) 1,3-Dichlorobenzene	11.172	146	31247	4.298	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	32768	4.478	ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	32733	4.412	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	5582	4.886	ug/L	90
69) 1,3,5-Trichlorobenzene	12.631	180	23800	4.343	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	20721	4.452	ug/L	99
71) Naphthalene	13.493	128	36473m	2.871	ug/L	
72) 1,2,3-Trichlorobenzene	13.731	180	20318	4.403	ug/L	99

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

