

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120123\
 Data File : VW033074.D
 Acq On : 01 Dec 2023 13:01
 Operator : SY/MD
 Sample : VSTD01012
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010212

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

12/04/2023
 Supervised By : Mahesh
 Dadoda

Quant Time: Dec 04 03:54:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 04 03:53:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	333294	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	328935	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	191568	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	19513	9.794	ug/L	0.00
7) Chloroethane-d5	1.532	69	13908	10.018	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	7421	9.791	ug/L	0.00
21) 2-Butanone-d5	3.802	46	19744m	20.454	ug/L	0.02
24) Chloroform-d	4.252	84	42337	10.013	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	26494	10.078	ug/L	0.00
32) Benzene-d6	4.963	84	76986	10.007	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	20934	10.120	ug/L	0.00
41) Toluene-d8	7.246	98	72849	9.927	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	12699	9.709	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	15383m	18.884	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	27757	9.440	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	33588	9.854	ug/L	0.00

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.108	85	37780	10.370	ug/L	98
3) Chloromethane	1.217	50	24448	10.175	ug/L	100
5) Vinyl chloride	1.285	62	23353	10.134	ug/L	96
6) Bromomethane	1.491	94	15056	10.013	ug/L	99
8) Chloroethane	1.552	64	12833	10.460	ug/L	97
9) Trichlorofluoromethane	1.716	101	39041	10.267	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	18295	10.246	ug/L	95
12) 1,1-Dichloroethene	2.072	96	17065	10.213	ug/L	94
13) Acetone	2.111	43	19995	21.165	ug/L	100
14) Carbon disulfide	2.243	76	61417	10.245	ug/L	99
15) Methyl Acetate	2.378	43	16043	10.189	ug/L	98
16) Methylene chloride	2.449	84	23359	10.557	ug/L	99
17) trans-1,2-Dichloroethene	2.699	96	22818	10.401	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	67048	10.060	ug/L	99
19) 1,1-Dichloroethane	3.114	63	37528	10.335	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	23419	10.060	ug/L	98
22) 2-Butanone	3.879	43	25196m	21.766	ug/L	
23) Bromochloromethane	4.159	128	14067m	10.579	ug/L	
25) Chloroform	4.278	83	43616	10.444	ug/L	99
27) 1,2-Dichloroethane	5.047	62	32357	9.805	ug/L	99
29) Cyclohexane	4.587	56	29552	9.727	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	42133	10.364	ug/L	99
31) Carbon tetrachloride	4.741	117	39378	10.418	ug/L	97
33) Benzene	5.014	78	86927	10.429	ug/L	100
34) Trichloroethene	5.838	95	25670	10.308	ug/L	94
35) Methylcyclohexane	6.053	83	34814	9.633	ug/L	96
37) 1,2-Dichloropropane	6.095	63	20920	10.844	ug/L	100
38) Bromodichloromethane	6.436	83	32364	10.406	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	32783	9.365	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	40636	19.839	ug/L	100
42) Toluene	7.317	91	95343	10.150	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	35197	9.944	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	23227	10.384	ug/L	95
46) Tetrachloroethene	7.908	164	21675	10.125	ug/L	96
48) 2-Hexanone	8.079	43	31532	19.243	ug/L	97
49) Dibromochloromethane	8.178	129	27359	10.246	ug/L	99
50) 1,2-Dibromoethane	8.284	107	23508	9.858	ug/L	96
51) Chlorobenzene	8.815	112	68290	10.339	ug/L	99
52) Ethylbenzene	8.947	91	106391	9.840	ug/L	100
53) m,p-Xylene	9.075	106	42020	9.814	ug/L	88
54) o-Xylene	9.481	106	42065	9.956	ug/L	90
55) Styrene	9.497	104	69599	9.523	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	30058	9.836	ug/L	95
59) Bromoform	9.667	173	20781	9.995	ug/L	98
60) Isopropylbenzene	9.866	105	109629	9.925	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	25325	10.602	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	85447	9.601	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	90326	9.746	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	59602	10.100	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	62412	10.182	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	58686	10.144	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	6955	9.489	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	46366	9.809	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	41887	9.592	ug/L	96
71) Naphthalene	13.442	128	99150	9.310	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	42143	10.001	ug/L	98

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

