

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053123\
 Data File : VW031309.D
 Acq On : 31 May 2023 20:15
 Operator : SY/MD
 Sample : 02961-11MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FQ2MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

Quant Time: Jun 01 02:01:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 01 01:56:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	268532	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	263101	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	146618	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	82975	36.156	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.320%		
7) Chloroethane-d5	1.532	69	81206	45.933	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.860%		
11) 1,1-Dichloroethene-d2	2.063	65	41839	38.878	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.760%		
21) 2-Butanone-d5	3.796	46	151553	123.935	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	123.930%		
24) Chloroform-d	4.259	84	179799	44.286	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.580%		
26) 1,2-Dichloroethane-d4	4.950	65	125132	45.611	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.220%		
32) Benzene-d6	4.966	84	324175	45.451	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.900%		
36) 1,2-Dichloropropane-d6	5.995	67	119893	56.180	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	112.360%		
41) Toluene-d8	7.249	98	312983	47.017	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.040%		
43) trans-1,3-Dichloroprop...	7.558	79	53006	49.506	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.020%		
47) 2-Hexanone-d5	8.034	63	98724	118.648	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	118.650%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	177869	55.569	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	111.140%		
66) 1,2-Dichlorobenzene-d4	11.567	152	115432	43.812	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	71394	41.182	ug/L	97
3) Chloromethane	1.217	50	77953	41.072	ug/L	100
5) Vinyl chloride	1.285	62	84964	50.120	ug/L	98
6) Bromomethane	1.487	94	52552	55.315	ug/L	97
8) Chloroethane	1.552	64	60105	55.022	ug/L	98
9) Trichlorofluoromethane	1.716	101	145594	43.665	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	83571	47.528	ug/L	96
12) 1,1-Dichloroethene	2.072	96	65766	44.089	ug/L	97
13) Acetone	2.124	43	139260	87.598	ug/L	95
14) Carbon disulfide	2.243	76	125912	46.321	ug/L	99
15) Methyl Acetate	2.381	43	114343	63.284	ug/L	95
16) Methylene chloride	2.452	84	88471	53.276	ug/L	95
17) trans-1,2-Dichloroethene	2.699	96	63714	46.199	ug/L	92
18) Methyl tert-butyl Ether	2.712	73	274335	51.493	ug/L	95
19) 1,1-Dichloroethane	3.117	63	173873	55.321	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	80714	47.475	ug/L	90
22) 2-Butanone	3.883	43	166950	109.510	ug/L	97
23) Bromochloromethane	4.153	128	44150	47.256	ug/L #	79
25) Chloroform	4.285	83	191033	54.409	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	143389	48.134	ug/L	99
29) Cyclohexane	4.593	56	101585	49.067	ug/L	87
30) 1,1,1-Trichloroethane	4.523	97	149624	46.344	ug/L	99
31) Carbon tetrachloride	4.744	117	129999	46.220	ug/L	100
33) Benzene	5.018	78	328622	52.136	ug/L	100
34) Trichloroethene	5.841	95	91296	54.056	ug/L	91
35) Methylcyclohexane	6.059	83	101033	45.082	ug/L	89
37) 1,2-Dichloropropane	6.101	63	111214m	64.105	ug/L	
38) Bromodichloromethane	6.442	83	146890	54.620	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	148042	55.339	ug/L	96
40) 4-Methyl-2-pentanone	7.166	43	332045	124.380	ug/L #	97
42) Toluene	7.320	91	355714	52.161	ug/L	96
44) trans-1,3-Dichloropropene	7.587	75	144728	53.479	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	104520	55.211	ug/L	96
46) Tetrachloroethene	7.912	164	61898	42.681	ug/L	93
48) 2-Hexanone	8.082	43	267923	120.495	ug/L	99
49) Dibromochloromethane	8.182	129	104723	49.029	ug/L	96
50) 1,2-Dibromoethane	8.288	107	102403	54.406	ug/L #	97
51) Chlorobenzene	8.821	112	227921	46.957	ug/L	93
52) Ethylbenzene	8.953	91	381479	48.858	ug/L	98
53) m,p-Xylene	9.079	106	137222	45.307	ug/L	88
54) o-Xylene	9.487	106	135735	45.429	ug/L	86
55) Styrene	9.503	104	259681	49.142	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.185	83	168304	54.108	ug/L	98
59) Bromoform	9.673	173	75391	44.346	ug/L	98
60) Isopropylbenzene	9.873	105	382478	48.777	ug/L	96
61) 1,2,3-Trichloropropane	10.217	75	141949	62.933	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	305855	47.453	ug/L	91
63) 1,2,4-Trimethylbenzene	10.860	105	310358	49.246	ug/L	94
64) 1,3-Dichlorobenzene	11.124	146	183173	45.590	ug/L	94
65) 1,4-Dichlorobenzene	11.217	146	192902	46.150	ug/L	96
67) 1,2-Dichlorobenzene	11.587	146	190618	46.757	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.371	75	36924	53.329	ug/L	86
69) 1,3,5-Trichlorobenzene	12.590	180	126862	40.845	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	107819	40.790	ug/L	99
71) Naphthalene	13.448	128	290460	42.305	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	119086	45.085	ug/L	97

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

