

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120723\
 Data File : VW033156.D
 Acq On : 07 Dec 2023 18:54
 Operator : SY/MD
 Sample : 05673-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHEH8MS

Quant Time: Dec 08 01:41:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 01:34:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	283974	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	294282	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	179315	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	53624	31.588	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.180%
7) Chloroethane-d5	1.532	69	45053	38.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.180%
11) 1,1-Dichloroethene-d2	2.060	65	22696	35.144	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.280%
21) 2-Butanone-d5	3.780	46	84526	100.249	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.250%
24) Chloroform-d	4.249	84	160316	44.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.941	65	100477	44.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.720%
32) Benzene-d6	4.960	84	274900	39.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.880%
36) 1,2-Dichloropropane-d6	5.989	67	75755	40.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.880%
41) Toluene-d8	7.243	98	267661	40.767	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.540%
43) trans-1,3-Dichloroprop...	7.551	79	47198	40.333	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.660%
47) 2-Hexanone-d5	8.021	63	73900	99.403	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.400%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	132868	50.508	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.020%
66) 1,2-Dichlorobenzene-d4	11.561	152	139374	43.685	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	152977	49.283	ug/L	100
3) Chloromethane	1.214	50	100807	49.240	ug/L	99
5) Vinyl chloride	1.285	62	97803	49.813	ug/L	96
6) Bromomethane	1.484	94	65382	51.033	ug/L	100
8) Chloroethane	1.548	64	53259	50.950	ug/L	97
9) Trichlorofluoromethane	1.716	101	174347	53.814	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	82537	54.251	ug/L	96
12) 1,1-Dichloroethene	2.069	96	76574	53.786	ug/L	93
13) Acetone	2.108	43	50884	63.215	ug/L	100
14) Carbon disulfide	2.243	76	243186	47.610	ug/L	100
15) Methyl Acetate	2.372	43	63927	47.650	ug/L	96
16) Methylene chloride	2.445	84	95617	50.720	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	95167	50.911	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	295520	52.042	ug/L	99
19) 1,1-Dichloroethane	3.111	63	154986	50.095	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	131642	66.371	ug/L	98
22) 2-Butanone	3.860	43	85070	83.047	ug/L	99
23) Bromochloromethane	4.146	128	59827	52.532	ug/L	96
25) Chloroform	4.275	83	193361	54.343	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	151109	53.743	ug/L	99
29) Cyclohexane	4.584	56	129952	47.810	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	187183	51.467	ug/L	99
31) Carbon tetrachloride	4.735	117	175863	52.005	ug/L	99
33) Benzene	5.011	78	379738	50.921	ug/L	100
34) Trichloroethene	5.831	95	122091	54.801	ug/L	95
35) Methylcyclohexane	6.053	83	162506	50.258	ug/L	98
37) 1,2-Dichloropropane	6.092	63	86070	49.871	ug/L	99
38) Bromodichloromethane	6.432	83	143641	51.626	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	158236	50.527	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	181330	98.954	ug/L	98
42) Toluene	7.317	91	442761	52.688	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	160883	50.804	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	103436	51.690	ug/L	99
46) Tetrachloroethene	7.905	164	790188	412.591	ug/L	96
48) 2-Hexanone	8.072	43	135357	89.092	ug/L	99
49) Dibromochloromethane	8.175	129	124995	52.325	ug/L	100
50) 1,2-Dibromoethane	8.281	107	108675	50.939	ug/L	99
51) Chlorobenzene	8.815	112	296589	50.189	ug/L	100
52) Ethylbenzene	8.947	91	499762	51.667	ug/L	99
53) m,p-Xylene	9.072	106	197996	51.689	ug/L	96
54) o-Xylene	9.477	106	195493	51.720	ug/L	99
55) Styrene	9.497	104	346699	53.021	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	144751	52.944	ug/L	98
59) Bromoform	9.664	173	100660	51.723	ug/L	99
60) Isopropylbenzene	9.866	105	534966	51.741	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	114056	51.010	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	431874	51.845	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	454431	52.382	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	278245	50.373	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	286329	49.902	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	279012	51.524	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	33215	48.413	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	212086	47.934	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	193221	47.269	ug/L	99
71) Naphthalene	13.439	128	466866	46.832	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	196862	49.910	ug/L	99

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

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