

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110623\
 Data File : VW032856.D
 Acq On : 06 Nov 2023 16:21
 Operator : SY/MD
 Sample : 05259-03MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCGA9MSD

Quant Time: Nov 07 01:37:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 07 01:35:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	359104	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	400760	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	222782	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	117818	34.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.980%
7) Chloroethane-d5	1.532	69	109949	38.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.980%
11) 1,1-Dichloroethene-d2	2.060	65	50133	35.536	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.080%
21) 2-Butanone-d5	3.786	46	149355	100.813	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.810%
24) Chloroform-d	4.252	84	242362	44.455	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.920%
26) 1,2-Dichloroethane-d4	4.944	65	152433	44.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.980%
32) Benzene-d6	4.963	84	441976	42.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.780%
36) 1,2-Dichloropropane-d6	5.992	67	134684	43.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.040%
41) Toluene-d8	7.246	98	451741	44.524	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.040%
43) trans-1,3-Dichloroprop...	7.554	79	74843	45.905	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.820%
47) 2-Hexanone-d5	8.027	63	116954	102.336	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	229224	48.253	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.500%
66) 1,2-Dichlorobenzene-d4	11.564	152	194735	45.359	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	129100	40.857	ug/L	100
3) Chloromethane	1.217	50	127065	41.567	ug/L	99
5) Vinyl chloride	1.285	62	137628	42.223	ug/L	98
6) Bromomethane	1.484	94	96338	42.357	ug/L	99
8) Chloroethane	1.548	64	97311	44.346	ug/L	99
9) Trichlorofluoromethane	1.715	101	223302	42.988	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	137307	43.686	ug/L	98
12) 1,1-Dichloroethene	2.069	96	115877	43.143	ug/L	94
13) Acetone	2.111	43	118983	47.981	ug/L	98
14) Carbon disulfide	2.243	76	276625	43.145	ug/L	99
15) Methyl Acetate	2.371	43	112716	44.830	ug/L	96
16) Methylene chloride	2.449	84	133973	37.605	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	114632	44.716	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	370687	48.964	ug/L	99
19) 1,1-Dichloroethane	3.114	63	216061	44.226	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	132555	46.820	ug/L	98
22) 2-Butanone	3.870	43	154636	73.531	ug/L	98
23) Bromochloromethane	4.149	128	74597	47.207	ug/L	97
25) Chloroform	4.278	83	252449	45.338	ug/L	97

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

27) 1,2-Dichloroethane	5.043	62	191663	47.763	ug/L	98
29) Cyclohexane	4.587	56	157336	43.683	ug/L #	95
30) 1,1,1-Trichloroethane	4.516	97	214352	44.643	ug/L	100
31) Carbon tetrachloride	4.738	117	185202	43.650	ug/L	99
33) Benzene	5.011	78	491253	46.228	ug/L	100
34) Trichloroethene	5.834	95	132208	44.692	ug/L	98
35) Methylcyclohexane	6.053	83	207879	44.910	ug/L	98
37) 1,2-Dichloropropane	6.095	63	120198	42.611	ug/L	100
38) Bromodichloromethane	6.436	83	203286	45.936	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	219677	51.910	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	345630	103.389	ug/L	99
42) Toluene	7.317	91	588014	48.588	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	210805	48.497	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	152998	47.287	ug/L	98
46) Tetrachloroethene	7.908	164	113427	42.496	ug/L	98
48) 2-Hexanone	8.075	43	263463	87.837	ug/L	97
49) Dibromochloromethane	8.178	129	160177	47.352	ug/L	99
50) 1,2-Dibromoethane	8.284	107	159737	48.460	ug/L	97
51) Chlorobenzene	8.815	112	398139	46.470	ug/L	99
52) Ethylbenzene	8.950	91	633057	47.421	ug/L	98
53) m,p-Xylene	9.075	106	251495	49.500	ug/L	97
54) o-Xylene	9.480	106	242361	49.239	ug/L	96
55) Styrene	9.497	104	431689	50.326	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	232079	47.892	ug/L	99
59) Bromoform	9.667	173	117028	46.852	ug/L	98
60) Isopropylbenzene	9.870	105	651054	48.189	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	172936	46.473	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	517684	48.693	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	509735	50.121	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	327976	46.598	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	341043	45.922	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	333193	46.371	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	46523	48.038	ug/L	97
69) 1,3,5-Trichlorobenzene	12.586	180	232337	45.725	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	207981	47.330	ug/L	99
71) Naphthalene	13.442	128	636065	57.964	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	223821	51.014	ug/L	99

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

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