

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121923\
 Data File : VW033494.D
 Acq On : 19 Dec 2023 21:32
 Operator : SY/MD
 Sample : 05847-03MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHJ2MSD

Quant Time: Dec 20 00:30:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:24:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	291335	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	292023	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	154940	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	109563	48.835	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.660%
7) Chloroethane-d5	1.532	69	92545	45.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.920%
11) 1,1-Dichloroethene-d2	2.060	65	48496	43.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.840%
21) 2-Butanone-d5	3.786	46	105412	93.225	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.230%
24) Chloroform-d	4.249	84	195807	44.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.240%
26) 1,2-Dichloroethane-d4	4.941	65	125315	45.966	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.940%
32) Benzene-d6	4.960	84	369602	46.993	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
36) 1,2-Dichloropropane-d6	5.989	67	115167	48.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.500%
41) Toluene-d8	7.243	98	342714	47.621	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	7.551	79	51590	44.099	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.200%
47) 2-Hexanone-d5	8.024	63	70785	88.164	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.160%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	154122	44.923	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.840%
66) 1,2-Dichlorobenzene-d4	11.561	152	125157	42.986	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	98849	41.298	ug/L	100
3) Chloromethane	1.214	50	105618	47.930	ug/L	98
5) Vinyl chloride	1.285	62	112269	47.526	ug/L	98
6) Bromomethane	1.487	94	73455	43.439	ug/L	97
8) Chloroethane	1.548	64	76780	48.145	ug/L	100
9) Trichlorofluoromethane	1.716	101	169935	41.024	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	101025	41.803	ug/L	98
12) 1,1-Dichloroethene	2.072	96	117227	57.100	ug/L	84
13) Acetone	2.108	43	124873	95.140	ug/L	99
14) Carbon disulfide	2.243	76	235726	44.931	ug/L	100
15) Methyl Acetate	2.371	43	92063	49.114	ug/L	91
16) Methylene chloride	2.449	84	105874	46.175	ug/L	95
17) trans-1,2-Dichloroethene	2.696	96	90303	46.535	ug/L	94
18) Methyl tert-butyl Ether	2.703	73	290514	49.299	ug/L	99
19) 1,1-Dichloroethane	3.111	63	197495	53.102	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	102304	46.498	ug/L	95
22) 2-Butanone	3.863	43	182936	141.471	ug/L	98
23) Bromochloromethane	4.150	128	54257	44.990	ug/L	91
25) Chloroform	4.278	83	197310	47.142	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	153834	47.682	ug/L	98
29) Cyclohexane	4.584	56	136139	51.725	ug/L	95
30) 1,1,1-Trichloroethane	4.513	97	174403	48.371	ug/L	98
31) Carbon tetrachloride	4.735	117	144827	44.884	ug/L	98
33) Benzene	5.011	78	397245	51.037	ug/L	100
34) Trichloroethene	5.834	95	101422	47.496	ug/L	93
35) Methylcyclohexane	6.053	83	142767	46.614	ug/L	94
37) 1,2-Dichloropropane	6.092	63	108439	51.372	ug/L	99
38) Bromodichloromethane	6.432	83	146110	48.093	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	158081	51.478	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	254888	113.152	ug/L	97
42) Toluene	7.313	91	418850	50.771	ug/L	97
44) trans-1,3-Dichloropropene	7.580	75	154140	50.021	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	107358	48.796	ug/L	99
46) Tetrachloroethene	7.905	164	71726	42.987	ug/L	95
48) 2-Hexanone	8.075	43	189904	101.077	ug/L	99
49) Dibromochloromethane	8.175	129	107852	46.360	ug/L	99
50) 1,2-Dibromoethane	8.281	107	106805	47.094	ug/L	99
51) Chlorobenzene	8.815	112	276137	46.446	ug/L	98
52) Ethylbenzene	8.947	91	454441	49.463	ug/L	99
53) m,p-Xylene	9.072	106	169358	49.063	ug/L	97
54) o-Xylene	9.477	106	165428	49.356	ug/L	96
55) Styrene	9.497	104	303141	51.247	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	163645	48.430	ug/L	99
59) Bromoform	9.664	173	70165	43.894	ug/L	99
60) Isopropylbenzene	9.866	105	444199	50.486	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	126432	50.911	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	335200	50.267	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	353186	50.997	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	216660	47.379	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	223447	45.401	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	219024	46.017	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	32058	47.655	ug/L	85
69) 1,3,5-Trichlorobenzene	12.583	180	140708	44.493	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	123410	44.642	ug/L	98
71) Naphthalene	13.439	128	340553	45.786	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	127848	47.281	ug/L	99

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

