

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112023\
 Data File : VW033037.D
 Acq On : 20 Nov 2023 21:18
 Operator : SY/MD
 Sample : 05436-09MSD
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY1C1MSD

Quant Time: Nov 20 23:44:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:40:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	327207	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	328350	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	196336	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	70180	41.022	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.040%
7) Chloroethane-d5	1.532	69	54501	41.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.840%
11) 1,1-Dichloroethene-d2	2.060	65	27222	38.887	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.780%
21) 2-Butanone-d5	3.783	46	107490	98.752	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.750%
24) Chloroform-d	4.249	84	190799	45.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.500%
26) 1,2-Dichloroethane-d4	4.941	65	117190	44.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.120%
32) Benzene-d6	4.960	84	329109	43.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.080%
36) 1,2-Dichloropropane-d6	5.989	67	97431	44.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.860%
41) Toluene-d8	7.243	98	305867	41.903	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.551	79	55915	44.172	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.340%
47) 2-Hexanone-d5	8.021	63	93037	103.690	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.690%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	157024	47.575	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.140%
66) 1,2-Dichlorobenzene-d4	11.561	152	161088	46.010	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	164275	46.470	ug/L	96
3) Chloromethane	1.214	50	115907	43.935	ug/L	100
5) Vinyl chloride	1.285	62	108673	44.407	ug/L	99
6) Bromomethane	1.484	94	70522	43.610	ug/L	97
8) Chloroethane	1.548	64	59327	43.830	ug/L	100
9) Trichlorofluoromethane	1.712	101	182080	45.957	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	85667	43.851	ug/L	97
12) 1,1-Dichloroethene	2.069	96	83022	46.027	ug/L	93
13) Acetone	2.108	43	61748	57.979	ug/L	99
14) Carbon disulfide	2.243	76	271398	45.240	ug/L	98
15) Methyl Acetate	2.368	43	81437	43.617	ug/L	100
16) Methylene chloride	2.445	84	111290	43.549	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	106533	46.149	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	346891	47.904	ug/L	99
19) 1,1-Dichloroethane	3.111	63	183873	44.591	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	121305	46.867	ug/L	99
22) 2-Butanone	3.860	43	109607	79.484	ug/L	95
23) Bromochloromethane	4.146	128	64741	45.477	ug/L	96
25) Chloroform	4.275	83	214651	46.249	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	169252	46.746	ug/L	99
29) Cyclohexane	4.584	56	150635	47.549	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	204911	47.780	ug/L	99
31) Carbon tetrachloride	4.735	117	186050	46.552	ug/L	99
33) Benzene	5.011	78	434769	47.604	ug/L	100
34) Trichloroethene	5.831	95	133960	52.037	ug/L	95
35) Methylcyclohexane	6.050	83	175043	46.782	ug/L	99
37) 1,2-Dichloropropane	6.092	63	104124	46.448	ug/L	100
38) Bromodichloromethane	6.432	83	159935	45.917	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	185836	48.152	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	242668	98.964	ug/L	99
42) Toluene	7.317	91	489766	48.397	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	184226	47.504	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	117928	46.711	ug/L	99
46) Tetrachloroethene	7.905	164	104175	46.437	ug/L	98
48) 2-Hexanone	8.072	43	178235	91.878	ug/L	98
49) Dibromochloromethane	8.178	129	136622	46.953	ug/L	98
50) 1,2-Dibromoethane	8.281	107	123679	46.776	ug/L	99
51) Chlorobenzene	8.815	112	330433	46.014	ug/L	98
52) Ethylbenzene	8.947	91	555873	47.849	ug/L	100
53) m,p-Xylene	9.072	106	219221	48.029	ug/L	98
54) o-Xylene	9.477	106	214555	48.833	ug/L	99
55) Styrene	9.497	104	381081	48.622	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	174991	49.066	ug/L	97
59) Bromoform	9.664	173	110844	48.443	ug/L	99
60) Isopropylbenzene	9.866	105	592855	49.810	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	134220	47.388	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	470965	49.319	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	494866	49.466	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	303894	47.656	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	312547	46.110	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	301782	47.164	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	40536	49.197	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	230721	46.538	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	215422	47.415	ug/L	99
71) Naphthalene	13.439	128	611895	54.451	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	222147	50.431	ug/L	99

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

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