

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111023\
 Data File : VW032890.D
 Acq On : 10 Nov 2023 14:31
 Operator : SY/MD
 Sample : 05326-03MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E45K3MS

Quant Time: Nov 10 22:51:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	341021	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	385688	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	219049	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	132357	40.806	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.620%
7) Chloroethane-d5	1.532	69	118398	43.645	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.280%
11) 1,1-Dichloroethene-d2	2.063	65	60511	45.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.340%
21) 2-Butanone-d5	3.786	46	142755	101.468	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.470%
24) Chloroform-d	4.249	84	261486	50.507	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.020%
26) 1,2-Dichloroethane-d4	4.944	65	166879	51.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.720%
32) Benzene-d6	4.963	84	493534	49.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.540%
36) 1,2-Dichloropropane-d6	5.989	67	152290	50.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.100%
41) Toluene-d8	7.246	98	503411	51.555	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.120%
43) trans-1,3-Dichloroprop...	7.555	79	78847	50.251	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.500%
47) 2-Hexanone-d5	8.024	63	118233	107.498	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.500%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	230623	50.445	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.900%
66) 1,2-Dichlorobenzene-d4	11.564	152	210964	49.977	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	109448	36.475	ug/L	99
3) Chloromethane	1.217	50	116369	40.086	ug/L	100
5) Vinyl chloride	1.285	62	121145	39.137	ug/L	100
6) Bromomethane	1.487	94	86866	40.218	ug/L	96
8) Chloroethane	1.548	64	88734	42.582	ug/L	98
9) Trichlorofluoromethane	1.716	101	215412	43.668	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	131915	44.196	ug/L	100
12) 1,1-Dichloroethene	2.072	96	111748	43.812	ug/L	87
13) Acetone	2.111	43	112950	47.963	ug/L	100
14) Carbon disulfide	2.243	76	229403	37.677	ug/L	99
15) Methyl Acetate	2.375	43	108070	45.261	ug/L	100
16) Methylene chloride	2.449	84	128637	38.022	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	108851	44.713	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	362961	50.486	ug/L	100
19) 1,1-Dichloroethane	3.114	63	216377	46.639	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	143185	53.256	ug/L	99
22) 2-Butanone	3.867	43	146212	73.212	ug/L	94
23) Bromochloromethane	4.150	128	73101	48.714	ug/L	97
25) Chloroform	4.278	83	253909	48.018	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	199062	52.237	ug/L	99
29) Cyclohexane	4.587	56	139960	40.377	ug/L #	94
30) 1,1,1-Trichloroethane	4.516	97	216429	46.837	ug/L	99
31) Carbon tetrachloride	4.738	117	187432	45.902	ug/L	100
33) Benzene	5.011	78	483010	47.228	ug/L	100
34) Trichloroethene	5.834	95	231610	81.354	ug/L	97
35) Methylcyclohexane	6.053	83	180190	40.449	ug/L	99
37) 1,2-Dichloropropane	6.095	63	129474	47.693	ug/L	99
38) Bromodichloromethane	6.436	83	200357	47.044	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	217944	53.513	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	329189	102.319	ug/L	99
42) Toluene	7.317	91	568624	48.822	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	206620	49.392	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	152903	49.104	ug/L	98
46) Tetrachloroethene	7.911	164	4816996	1875.233	ug/L	99
48) 2-Hexanone	8.075	43	240060	83.163	ug/L	99
49) Dibromochloromethane	8.178	129	154725	47.528	ug/L	100
50) 1,2-Dibromoethane	8.284	107	155209	48.926	ug/L	97
51) Chlorobenzene	8.815	112	382619	46.404	ug/L	99
52) Ethylbenzene	8.950	91	614136	47.802	ug/L	99
53) m,p-Xylene	9.075	106	240916	49.271	ug/L	100
54) o-Xylene	9.481	106	232566	49.096	ug/L	97
55) Styrene	9.497	104	426473	51.661	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	227650	48.814	ug/L	98
59) Bromoform	9.667	173	114686	46.697	ug/L	100
60) Isopropylbenzene	9.870	105	629674	47.401	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	171554	46.888	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	501798	48.003	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	489844	48.986	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	323541	46.751	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	337072	46.161	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	331621	46.938	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	44308	46.531	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	222230	44.481	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	201601	46.660	ug/L	98
71) Naphthalene	13.442	128	547948	50.785	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	215422	49.937	ug/L	100

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

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