

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111023\
 Data File : VW032891.D
 Acq On : 10 Nov 2023 14:54
 Operator : SY/MD
 Sample : 05326-04MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E45K3MSD

Quant Time: Nov 10 22:51:30 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	279704	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	295870	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	160501	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	92241	34.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.340%
7) Chloroethane-d5	1.532	69	89628	40.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.560%
11) 1,1-Dichloroethene-d2	2.060	65	43088	39.212	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.420%
21) 2-Butanone-d5	3.786	46	134309	116.392	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.390%
24) Chloroform-d	4.252	84	204068	48.057	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.120%
26) 1,2-Dichloroethane-d4	4.944	65	137131	51.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.920%
32) Benzene-d6	4.963	84	398902	52.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.880%
36) 1,2-Dichloropropane-d6	5.992	67	119714	51.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.600%
41) Toluene-d8	7.246	98	370438	49.454	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.900%
43) trans-1,3-Dichloroprop...	7.555	79	62116	51.606	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.220%
47) 2-Hexanone-d5	8.027	63	108512	128.610	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.610%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	196703	56.087	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.180%
66) 1,2-Dichlorobenzene-d4	11.561	152	154528	49.961	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	71157	28.912	ug/L	99
3) Chloromethane	1.217	50	80981	34.011	ug/L	98
5) Vinyl chloride	1.285	62	80947	31.883	ug/L	98
6) Bromomethane	1.484	94	64005	36.130	ug/L	99
8) Chloroethane	1.548	64	63181	36.966	ug/L	98
9) Trichlorofluoromethane	1.716	101	140226	34.658	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	82865	33.849	ug/L	98
12) 1,1-Dichloroethene	2.072	96	76912	36.765	ug/L	84
13) Acetone	2.111	43	108005	55.918	ug/L	99
14) Carbon disulfide	2.243	76	156767	31.392	ug/L	99
15) Methyl Acetate	2.375	43	97828	49.953	ug/L	100
16) Methylene chloride	2.449	84	96830	34.895	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	78163	39.146	ug/L	94
18) Methyl tert-butyl Ether	2.706	73	284817	48.301	ug/L	99
19) 1,1-Dichloroethane	3.114	63	160152	42.088	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	107617	48.802	ug/L	97
22) 2-Butanone	3.870	43	134831	82.314	ug/L	97
23) Bromochloromethane	4.150	128	54600	44.361	ug/L	99
25) Chloroform	4.278	83	187007	43.119	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	147154	47.081	ug/L	97
29) Cyclohexane	4.587	56	89890	33.805	ug/L #	91
30) 1,1,1-Trichloroethane	4.516	97	148971	42.026	ug/L	99
31) Carbon tetrachloride	4.738	117	125520	40.072	ug/L	100
33) Benzene	5.011	78	345279	44.010	ug/L	100
34) Trichloroethene	5.834	95	161602	73.995	ug/L	98
35) Methylcyclohexane	6.053	83	112759	32.996	ug/L	99
37) 1,2-Dichloropropane	6.095	63	100470	48.244	ug/L	98
38) Bromodichloromethane	6.436	83	148641	45.496	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	145195	46.473	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	283669	114.936	ug/L	99
42) Toluene	7.317	91	401103	44.893	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	155674	48.511	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	117520	49.198	ug/L	98
46) Tetrachloroethene	7.908	164	3086770	1566.457	ug/L	99
48) 2-Hexanone	8.075	43	213789	96.545	ug/L	95
49) Dibromochloromethane	8.178	129	119834	47.985	ug/L	99
50) 1,2-Dibromoethane	8.284	107	121080	49.754	ug/L	100
51) Chlorobenzene	8.815	112	273309	43.209	ug/L	99
52) Ethylbenzene	8.950	91	417227	42.334	ug/L	99
53) m,p-Xylene	9.075	106	161294	43.001	ug/L	99
54) o-Xylene	9.481	106	163156	44.899	ug/L	94
55) Styrene	9.497	104	295724	46.698	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	182869	51.115	ug/L	98
59) Bromoform	9.667	173	91072	50.609	ug/L	99
60) Isopropylbenzene	9.870	105	418396	42.985	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	141877	52.921	ug/L	100
62) 1,3,5-Trimethylbenzene	10.481	105	329119	42.969	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	321702	43.907	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	227794	44.923	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	237288	44.350	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	243151	46.971	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	37865	54.270	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	146906	40.131	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	137085	43.302	ug/L	99
71) Naphthalene	13.442	128	477554	60.406	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	154438	48.859	ug/L	99

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

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