

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092623\
 Data File : VW032180.D
 Acq On : 26 Sep 2023 15:58
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050306

Quant Time: Sep 27 02:39:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:18:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	231858	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	226360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	122878	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64527	44.971	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.940%		
7) Chloroethane-d5	1.529	69	57937	46.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.620%		
11) 1,1-Dichloroethene-d2	2.056	65	28424	45.366	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.740%		
21) 2-Butanone-d5	3.783	46	123699	95.878	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.880%		
24) Chloroform-d	4.249	84	143528	47.801	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.600%		
26) 1,2-Dichloroethane-d4	4.940	65	86920	48.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.220%		
32) Benzene-d6	4.960	84	274085	46.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.120%		
36) 1,2-Dichloropropane-d6	5.989	67	92176	46.419	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.840%		
41) Toluene-d8	7.246	98	246122	45.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.680%		
43) trans-1,3-Dichloroprop...	7.551	79	43454	45.999	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.000%		
47) 2-Hexanone-d5	8.027	63	79594	92.819	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.820%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	131438	46.539	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.080%		
66) 1,2-Dichlorobenzene-d4	11.564	152	101354	45.484	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.960%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	95421	48.601	ug/L	99
3) Chloromethane	1.214	50	103911	48.807	ug/L	100
5) Vinyl chloride	1.281	62	102332	48.797	ug/L	100
6) Bromomethane	1.481	94	60367	50.733	ug/L	98
8) Chloroethane	1.545	64	63814	48.884	ug/L	99
9) Trichlorofluoromethane	1.712	101	131406	48.821	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	81787	50.392	ug/L	99
12) 1,1-Dichloroethene	2.069	96	73629	49.030	ug/L	94
13) Acetone	2.111	43	125268	103.787	ug/L	100
14) Carbon disulfide	2.240	76	229044	47.659	ug/L	100
15) Methyl Acetate	2.371	43	99947	46.415	ug/L	99
16) Methylene chloride	2.445	84	92321	48.692	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	81665	48.242	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	271830	47.996	ug/L	100
19) 1,1-Dichloroethane	3.111	63	161009	48.507	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	91434	47.970	ug/L	97
22) 2-Butanone	3.863	43	151204	93.312	ug/L	97
23) Bromochloromethane	4.146	128	45500	47.661	ug/L	98
25) Chloroform	4.275	83	156859	48.411	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	117027	47.786	ug/L	99
29) Cyclohexane	4.580	56	150657	47.676	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	134035	47.486	ug/L	99
31) Carbon tetrachloride	4.735	117	114571	47.001	ug/L	100
33) Benzene	5.008	78	344507	47.712	ug/L	100
34) Trichloroethene	5.834	95	93792	47.181	ug/L	99
35) Methylcyclohexane	6.050	83	148982	46.875	ug/L	100
37) 1,2-Dichloropropane	6.092	63	92034	46.452	ug/L	99
38) Bromodichloromethane	6.432	83	119543	47.998	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	153125	48.735	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	273586	92.651	ug/L	99
42) Toluene	7.317	91	367074	47.616	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	137255	47.702	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	89049	47.119	ug/L	98
46) Tetrachloroethene	7.908	164	69661	48.223	ug/L	99
48) 2-Hexanone	8.075	43	216582	93.892	ug/L	99
49) Dibromochloromethane	8.178	129	88265	46.972	ug/L	99
50) 1,2-Dibromoethane	8.284	107	95870	47.640	ug/L	99
51) Chlorobenzene	8.815	112	235450	47.336	ug/L	99
52) Ethylbenzene	8.947	91	410450	47.665	ug/L	99
53) m,p-Xylene	9.075	106	152859	47.645	ug/L	100
54) o-Xylene	9.480	106	148431	46.963	ug/L	100
55) Styrene	9.497	104	259980	48.216	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	134386	45.635	ug/L	98
59) Bromoform	9.667	173	63079	46.197	ug/L	98
60) Isopropylbenzene	9.870	105	406417	47.521	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	108128	45.268	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	334308	47.578	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	326186	47.195	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	188286	47.092	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	189754	46.982	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	183723	46.716	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	28144	42.673	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	133148	45.991	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	126228	46.360	ug/L	99
71) Naphthalene	13.442	128	385965	43.033	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	122979	45.459	ug/L	99

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

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