

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030724\
 Data File : VW034510.D
 Acq On : 06 Mar 2024 15:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050399

Quant Time: Mar 07 04:28:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 22:18:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	312156	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	289958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	148750	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112032	41.400	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.800%		
7) Chloroethane-d5	1.526	69	92804	44.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.040%		
11) 1,1-Dichloroethene-d2	2.056	65	50565	41.318	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.640%		
21) 2-Butanone-d5	3.783	46	194744	107.614	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.610%		
24) Chloroform-d	4.246	84	224284	46.876	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.760%		
26) 1,2-Dichloroethane-d4	4.940	65	147389	47.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.280%		
32) Benzene-d6	4.957	84	403099	46.063	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.120%		
36) 1,2-Dichloropropane-d6	5.989	67	125791	47.101	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.200%		
41) Toluene-d8	7.243	98	360814	45.562	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.120%		
43) trans-1,3-Dichloroprop...	7.551	79	59701	44.516	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.040%		
47) 2-Hexanone-d5	8.021	63	143543	107.636	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.640%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	169704	48.287	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.580%		
66) 1,2-Dichlorobenzene-d4	11.561	152	136203	44.796	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	161468	49.314	ug/L	98
3) Chloromethane	1.214	50	147604	45.877	ug/L	100
5) Vinyl chloride	1.281	62	147444	47.211	ug/L	99
6) Bromomethane	1.481	94	86783	46.313	ug/L	100
8) Chloroethane	1.545	64	87714	47.252	ug/L	97
9) Trichlorofluoromethane	1.709	101	223510	47.790	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	120088	47.641	ug/L	99
12) 1,1-Dichloroethene	2.066	96	108704	46.506	ug/L	99
13) Acetone	2.114	43	178593	82.093	ug/L	99
14) Carbon disulfide	2.236	76	309719	47.745	ug/L	99
15) Methyl Acetate	2.371	43	150390	54.035	ug/L	100
16) Methylene chloride	2.442	84	122466	49.394	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	110910	49.024	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	406430	50.025	ug/L	100
19) 1,1-Dichloroethane	3.108	63	226207	51.042	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	123255	50.213	ug/L	97
22) 2-Butanone	3.867	43	204274	95.088	ug/L	97
23) Bromochloromethane	4.143	128	64381	50.722	ug/L	96
25) Chloroform	4.275	83	227040	49.426	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	189022	50.648	ug/L	97
29) Cyclohexane	4.580	56	192250	50.408	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	207185	49.829	ug/L	100
31) Carbon tetrachloride	4.735	117	182120	49.472	ug/L	100
33) Benzene	5.008	78	454354	50.482	ug/L	100
34) Trichloroethene	5.831	95	128611	50.271	ug/L	97
35) Methylcyclohexane	6.050	83	196499	50.522	ug/L	100
37) 1,2-Dichloropropane	6.092	63	123715	52.502	ug/L	99
38) Bromodichloromethane	6.432	83	165521	49.939	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	188055	49.258	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	383195	110.285	ug/L	99
42) Toluene	7.313	91	478006	50.182	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	180146	49.062	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	118427	52.089	ug/L	100
46) Tetrachloroethene	7.905	164	93979	49.394	ug/L	98
48) 2-Hexanone	8.072	43	301232	108.799	ug/L	99
49) Dibromochloromethane	8.175	129	120732	50.321	ug/L	98
50) 1,2-Dibromoethane	8.281	107	123275	51.096	ug/L	99
51) Chlorobenzene	8.812	112	307195	49.886	ug/L	99
52) Ethylbenzene	8.947	91	536665	50.282	ug/L	99
53) m,p-Xylene	9.072	106	200688	49.550	ug/L	99
54) o-Xylene	9.477	106	196611	49.574	ug/L	95
55) Styrene	9.497	104	346032	51.531	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	167343	49.005	ug/L	99
59) Bromoform	9.664	173	80675	48.918	ug/L	97
60) Isopropylbenzene	9.866	105	534635	50.819	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	148594	52.332	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	448249	50.510	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	449485	51.211	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	242990	49.955	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	241528	48.896	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	238009	48.831	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	45088	53.306	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	179107	49.083	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	164582	50.125	ug/L	99
71) Naphthalene	13.439	128	506799	57.702	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	170422	53.205	ug/L	99

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

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