

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092623\
 Data File : VW032174.D
 Acq On : 26 Sep 2023 09:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050305

Quant Time: Sep 27 02:38:15 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	5.535	114	247935	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	239338	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	130361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75107	48.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.900%
7) Chloroethane-d5	1.529	69	64845	48.998	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.060	65	32246	48.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.260%
21) 2-Butanone-d5	3.783	46	127482	92.403	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.400%
24) Chloroform-d	4.249	84	153081	47.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	4.944	65	92321	47.789	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.580%
32) Benzene-d6	4.960	84	294924	46.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.740%
36) 1,2-Dichloropropane-d6	5.989	67	98992	47.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.300%
41) Toluene-d8	7.246	98	268520	46.781	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.560%
43) trans-1,3-Dichloroprop...	7.555	79	47298	47.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.700%
47) 2-Hexanone-d5	8.027	63	81745	90.158	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.160%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	135396	45.340	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.680%
66) 1,2-Dichlorobenzene-d4	11.564	152	108741	45.998	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	101071	48.141	ug/L	96
3) Chloromethane	1.217	50	106847	46.932	ug/L	98
5) Vinyl chloride	1.282	62	107539	47.955	ug/L	98
6) Bromomethane	1.484	94	64173	50.435	ug/L	97
8) Chloroethane	1.548	64	65416	46.862	ug/L	99
9) Trichlorofluoromethane	1.712	101	138029	47.956	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	84909	48.923	ug/L	99
12) 1,1-Dichloroethene	2.069	96	78361	48.798	ug/L	98
13) Acetone	2.111	43	156221	121.039	ug/L	99
14) Carbon disulfide	2.240	76	244757	47.626	ug/L	99
15) Methyl Acetate	2.372	43	103518	44.957	ug/L	100
16) Methylene chloride	2.445	84	92945	45.842	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	84533	46.698	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	282238	46.602	ug/L	100
19) 1,1-Dichloroethane	3.111	63	169735	47.820	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	95481	46.845	ug/L	100
22) 2-Butanone	3.863	43	180468	104.150	ug/L	98
23) Bromochloromethane	4.146	128	48155	47.171	ug/L	98
25) Chloroform	4.278	83	162177	46.807	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	122351	46.721	ug/L	100
29) Cyclohexane	4.584	56	157247	47.063	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	141144	47.293	ug/L	100
31) Carbon tetrachloride	4.738	117	120252	46.656	ug/L	99
33) Benzene	5.011	78	360556	47.227	ug/L	100
34) Trichloroethene	5.834	95	102040	48.547	ug/L	98
35) Methylcyclohexane	6.053	83	153804	45.768	ug/L	97
37) 1,2-Dichloropropane	6.095	63	96157	45.902	ug/L	100
38) Bromodichloromethane	6.432	83	124378	47.232	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	159862	48.120	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	280836	89.950	ug/L	100
42) Toluene	7.317	91	386711	47.443	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	144654	47.547	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	92686	46.384	ug/L	99
46) Tetrachloroethene	7.908	164	72384	47.391	ug/L	97
48) 2-Hexanone	8.075	43	241579	99.049	ug/L	99
49) Dibromochloromethane	8.178	129	93431	47.025	ug/L	100
50) 1,2-Dibromoethane	8.284	107	99086	46.568	ug/L	99
51) Chlorobenzene	8.815	112	244368	46.465	ug/L	99
52) Ethylbenzene	8.947	91	430450	47.278	ug/L	100
53) m,p-Xylene	9.075	106	162602	47.933	ug/L	99
54) o-Xylene	9.481	106	155690	46.589	ug/L	99
55) Styrene	9.497	104	271528	47.627	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	139943	44.945	ug/L	99
59) Bromoform	9.667	173	66529	45.927	ug/L	98
60) Isopropylbenzene	9.870	105	426037	46.955	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	111501	44.000	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	351253	47.120	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	343964	46.910	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	195839	46.169	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	199301	46.513	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	191709	45.948	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	30116	43.042	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	143240	46.637	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	132160	45.753	ug/L	99
71) Naphthalene	13.442	128	380466	39.985	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	128644	44.824	ug/L	99

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

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