

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042523\
 Data File : VW030851.D
 Acq On : 25 Apr 2023 20:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050340

Quant Time: Apr 25 21:36:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	255909	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	249165	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	145725	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	73592	39.228	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.460%
7) Chloroethane-d5	1.536	69	60701	38.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.220%
11) 1,1-Dichloroethene-d2	2.063	65	37808	42.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.000%
21) 2-Butanone-d5	3.796	46	105467	102.354	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.350%
24) Chloroform-d	4.259	84	155321	45.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
26) 1,2-Dichloroethane-d4	4.950	65	105776	48.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.780%
32) Benzene-d6	4.970	84	279971	47.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.060%
36) 1,2-Dichloropropane-d6	5.995	67	82650	45.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.340%
41) Toluene-d8	7.249	98	269229	48.676	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.360%
43) trans-1,3-Dichloroprop...	7.558	79	44211	47.936	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.880%
47) 2-Hexanone-d5	8.031	63	63874	88.608	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.610%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	125290	47.186	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.380%
66) 1,2-Dichlorobenzene-d4	11.567	152	112252	48.463	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	90655	41.203	ug/L	99
3) Chloromethane	1.217	50	110188	38.178	ug/L	99
5) Vinyl chloride	1.285	62	97768	42.016	ug/L	99
6) Bromomethane	1.487	94	46005	49.860	ug/L	99
8) Chloroethane	1.552	64	59882	37.520	ug/L	99
9) Trichlorofluoromethane	1.716	101	174015	46.142	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	86584	43.686	ug/L	98
12) 1,1-Dichloroethene	2.076	96	80753	45.065	ug/L	93
13) Acetone	2.121	43	105432	66.124	ug/L	98
14) Carbon disulfide	2.246	76	196636	38.851	ug/L	99
15) Methyl Acetate	2.378	43	99315	46.675	ug/L	100
16) Methylene chloride	2.455	84	87141	42.496	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	77789	43.002	ug/L	99
18) Methyl tert-butyl Ether	2.712	73	287443	49.608	ug/L	97
19) 1,1-Dichloroethane	3.121	63	161570	43.807	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	91523	46.510	ug/L	98
22) 2-Butanone	3.876	43	135563	82.272	ug/L	98
23) Bromochloromethane	4.159	128	50265	45.735	ug/L	95
25) Chloroform	4.285	83	173762	45.518	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	156774	48.515	ug/L	100
29) Cyclohexane	4.593	56	128887	43.105	ug/L	97
30) 1,1,1-Trichloroethane	4.523	97	163179	46.607	ug/L	99
31) Carbon tetrachloride	4.744	117	144940	46.303	ug/L	100
33) Benzene	5.021	78	346662	45.816	ug/L	100
34) Trichloroethene	5.841	95	88651	45.044	ug/L	96
35) Methylcyclohexane	6.060	83	133802	43.388	ug/L	97
37) 1,2-Dichloropropane	6.101	63	89070	43.736	ug/L	99
38) Bromodichloromethane	6.439	83	129444	45.247	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	136003	44.495	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	275598	96.878	ug/L	98
42) Toluene	7.323	91	382017	47.137	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	140858	46.906	ug/L	99
45) 1,1,2-Trichloroethane	7.777	97	94557	46.304	ug/L	98
46) Tetrachloroethene	7.915	164	78110	45.342	ug/L	97
48) 2-Hexanone	8.082	43	217509	92.664	ug/L	98
49) Dibromochloromethane	8.185	129	100952	44.818	ug/L	97
50) 1,2-Dibromoethane	8.288	107	96908	45.799	ug/L	98
51) Chlorobenzene	8.821	112	250356	46.644	ug/L	99
52) Ethylbenzene	8.953	91	425288	47.402	ug/L	100
53) m,p-Xylene	9.079	106	165540	48.847	ug/L	95
54) o-Xylene	9.484	106	157738	47.578	ug/L	96
55) Styrene	9.503	104	285062	48.949	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	149398	44.559	ug/L	99
59) Bromoform	9.674	173	82590	45.268	ug/L	100
60) Isopropylbenzene	9.876	105	438273	48.224	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	117952	45.192	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	356859	47.691	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	359212	48.080	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	221486	48.677	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	226121	47.128	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	214236	46.672	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	33963	43.921	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	162278	47.213	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	146886	50.332	ug/L	99
71) Naphthalene	13.448	128	432994	54.238	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	151858	52.476	ug/L	99

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

