

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030922\
 Data File : VW024884.D
 Acq On : 09 Mar 2022 15:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050282

Quant Time: Mar 10 05:32:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 02 01:20:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	325575	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	320121	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	165600	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	121594	36.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.460%
7) Chloroethane-d5	1.568	69	106653	41.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.120%
11) 1,1-Dichloroethene-d2	2.108	63	225838	40.645	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.280%
21) 2-Butanone-d5	3.889	46	185011	98.201	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.200%
24) Chloroform-d	4.346	84	251918	43.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.180%
26) 1,2-Dichloroethane-d4	5.031	65	147619	43.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.580%
32) Benzene-d6	5.047	84	503694	42.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.900%
36) 1,2-Dichloropropane-d6	6.066	67	161413	43.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.320%
41) Toluene-d8	7.313	98	453346	43.127	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.260%
43) trans-1,3-Dichloroprop...	7.619	79	72251	44.979	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.960%
47) 2-Hexanone-d5	8.085	63	137666	98.108	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.110%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	192232	43.841	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.680%
66) 1,2-Dichlorobenzene-d4	11.622	152	166782	43.722	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	148340	48.258	ug/L	100
3) Chloromethane	1.243	50	144872	45.556	ug/L	98
5) Vinyl chloride	1.314	62	155142	47.548	ug/L	99
6) Bromomethane	1.523	94	96682	49.602	ug/L	96
8) Chloroethane	1.587	64	94346	49.338	ug/L	99
9) Trichlorofluoromethane	1.754	101	206370	49.457	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	122587	49.539	ug/L	99
12) 1,1-Dichloroethene	2.118	96	113851	47.243	ug/L	95
13) Acetone	2.188	43	165464	115.014	ug/L	98
14) Carbon disulfide	2.294	76	355042	48.226	ug/L	99
15) Methyl Acetate	2.436	43	125556	50.805	ug/L	98
16) Methylene chloride	2.507	84	140085	49.634	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	129131	49.546	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	394771	49.677	ug/L	100
19) 1,1-Dichloroethane	3.188	63	233381	49.663	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	139932	49.600	ug/L	98
22) 2-Butanone	3.973	43	191760	116.245	ug/L	97
23) Bromochloromethane	4.246	128	70173	49.735	ug/L	98
25) Chloroform	4.371	83	239470	49.056	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	172544	50.652	ug/L	99
29) Cyclohexane	4.674	56	207774	49.619	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	206931	49.091	ug/L	99
31) Carbon tetrachloride	4.825	117	177326	49.477	ug/L	99
33) Benzene	5.095	78	537848	49.784	ug/L	100
34) Trichloroethene	5.912	95	151520	51.160	ug/L	99
35) Methylcyclohexane	6.127	83	230468	51.290	ug/L	99
37) 1,2-Dichloropropane	6.169	63	137088	50.567	ug/L	100
38) Bromodichloromethane	6.506	83	178325	50.196	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	212038	51.967	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	332457	102.858	ug/L	99
42) Toluene	7.384	91	571573	50.701	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	196855	52.515	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	132493	50.299	ug/L	99
46) Tetrachloroethene	7.973	164	96060	50.221	ug/L	97
48) 2-Hexanone	8.137	43	268603	105.591	ug/L	97
49) Dibromochloromethane	8.243	129	134358	52.782	ug/L	100
50) 1,2-Dibromoethane	8.349	107	139829	51.474	ug/L	100
51) Chlorobenzene	8.879	112	353976	49.774	ug/L	99
52) Ethylbenzene	9.008	91	612542	51.517	ug/L	99
53) m,p-Xylene	9.137	106	233558	51.120	ug/L	100
54) o-Xylene	9.542	106	227464	51.525	ug/L	99
55) Styrene	9.558	104	398371	53.184	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	178783	48.525	ug/L	99
59) Bromoform	9.728	173	80226	53.181	ug/L	100
60) Isopropylbenzene	9.928	105	603861	50.211	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	160561	48.456	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	416108	51.281	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	513230	51.605	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	267507	50.690	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	266546	49.335	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	262269	49.380	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	38444	50.823	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	180311	50.616	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	160522	51.718	ug/L	99
71) Naphthalene	13.500	128	540414	53.739	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	159905	52.247	ug/L	100

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

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