

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022503.D
 Acq On : 02 Oct 2021 11:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050357

Quant Time: Oct 04 00:58:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 01:27:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	231252	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	223601	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	122614	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	72702	50.834	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.660%	
7) Chloroethane-d5	1.565	69	58220	51.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 103.580%	
11) 1,1-Dichloroethene-d2	2.108	63	151670	53.783	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.560%	
21) 2-Butanone-d5	3.889	46	97684	124.082	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 124.080%	
24) Chloroform-d	4.346	84	134425	51.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.880%	
26) 1,2-Dichloroethane-d4	5.031	65	79125	52.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.400%	
32) Benzene-d6	5.050	84	264160	50.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.000%	
36) 1,2-Dichloropropane-d6	6.069	67	78712	49.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 98.720%	
41) Toluene-d8	7.317	98	252520	53.144	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.280%	
43) trans-1,3-Dichloroprop...	7.622	79	35322	46.815	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 93.640%	
47) 2-Hexanone-d5	8.088	63	65808	99.618	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 99.620%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	112061	50.535	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 101.080%	
66) 1,2-Dichlorobenzene-d4	11.625	152	99395	49.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 99.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	117670	50.879	ug/L	98
3) Chloromethane	1.240	50	115660	50.292	ug/L	100
5) Vinyl chloride	1.307	62	114952	52.732	ug/L	99
6) Bromomethane	1.519	94	68828	45.221	ug/L	96
8) Chloroethane	1.584	64	66500	50.019	ug/L	98
9) Trichlorofluoromethane	1.751	101	161919	54.080	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	92673	54.679	ug/L	99
12) 1,1-Dichloroethene	2.114	96	87011	53.864	ug/L	99
13) Acetone	2.182	43	93465	93.985	ug/L #	40
14) Carbon disulfide	2.291	76	247349	50.690	ug/L	99
15) Methyl Acetate	2.433	43	100874	55.604	ug/L	98
16) Methylene chloride	2.503	84	97108	47.846	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	89324	50.373	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	273963	50.042	ug/L	99
19) 1,1-Dichloroethane	3.188	63	155853	49.672	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	94108	49.815	ug/L	99
22) 2-Butanone	3.970	43	131788	100.646	ug/L	87
23) Bromochloromethane	4.246	128	52087	50.186	ug/L	96
25) Chloroform	4.375	83	162075	51.333	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	117745	51.501	ug/L	99
29) Cyclohexane	4.677	56	130417	50.040	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	143542	51.390	ug/L	99
31) Carbon tetrachloride	4.828	117	128577	52.398	ug/L	98
33) Benzene	5.098	78	346959	50.254	ug/L	100
34) Trichloroethene	5.915	95	98893	54.860	ug/L	98
35) Methylcyclohexane	6.130	83	134935	49.366	ug/L	98
37) 1,2-Dichloropropane	6.172	63	88395	50.006	ug/L	99
38) Bromodichloromethane	6.510	83	116021	50.529	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	125800	47.321	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	244753	98.542	ug/L	99
42) Toluene	7.387	91	378608	52.059	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	121450	47.450	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	90915	49.686	ug/L	99
46) Tetrachloroethene	7.976	164	77689	51.480	ug/L	99
48) 2-Hexanone	8.140	43	191508	100.813	ug/L	98
49) Dibromochloromethane	8.246	129	100914	50.962	ug/L	100
50) 1,2-Dibromoethane	8.352	107	98471	49.983	ug/L	96
51) Chlorobenzene	8.883	112	244721	50.589	ug/L	99
52) Ethylbenzene	9.011	91	396362	52.366	ug/L	100
53) m,p-Xylene	9.140	106	157541	52.534	ug/L	98
54) o-Xylene	9.545	106	153648	52.588	ug/L	97
55) Styrene	9.561	104	267465	53.344	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	140135	49.550	ug/L	100
59) Bromoform	9.731	173	75819	50.008	ug/L	99
60) Isopropylbenzene	9.931	105	404108	51.801	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	110783	47.509	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	338337	51.510	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	346031	52.993	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	198319	50.109	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	200307	48.732	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	203204	50.240	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	29744	46.556	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	142580	48.484	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	125334	47.396	ug/L	99
71) Naphthalene	13.503	128	432831	49.706	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	137034	50.137	ug/L	99

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

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