

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
 Data File : VV022071.D
 Acq On : 02 Sep 2021 13:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050327

Quant Time: Sep 03 00:55:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 02 05:24:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	335694	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	316757	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	165212	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	103018	44.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.620%
7) Chloroethane-d5	1.568	69	86767	47.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.580%
11) 1,1-Dichloroethene-d2	2.105	63	175365	45.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.220%
21) 2-Butanone-d5	3.899	46	182988	114.774	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.770%
24) Chloroform-d	4.349	84	212002	50.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
26) 1,2-Dichloroethane-d4	5.034	65	129268	51.774	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.540%
32) Benzene-d6	5.050	84	420475	48.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
36) 1,2-Dichloropropane-d6	6.069	67	135278	50.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.140%
41) Toluene-d8	7.317	98	389823	48.066	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.140%
43) trans-1,3-Dichloroprop...	7.622	79	65088	50.613	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.220%
47) 2-Hexanone-d5	8.091	63	125290	120.852	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.850%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	189774	54.841	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.680%
66) 1,2-Dichlorobenzene-d4	11.625	152	156838	48.289	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.580%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	95906	41.563	ug/L	98
3) Chloromethane	1.240	50	98977	40.508	ug/L	96
5) Vinyl chloride	1.310	62	101315	41.139	ug/L	100
6) Bromomethane	1.519	94	67145	45.348	ug/L	98
8) Chloroethane	1.584	64	65367	42.429	ug/L	99
9) Trichlorofluoromethane	1.751	101	152506	43.485	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	91844	44.649	ug/L	99
12) 1,1-Dichloroethene	2.114	96	82396	42.553	ug/L	96
13) Acetone	2.191	43	134978	101.043	ug/L #	73
14) Carbon disulfide	2.291	76	244079	41.775	ug/L	99
15) Methyl Acetate	2.439	43	133631	51.368	ug/L	100
16) Methylene chloride	2.503	84	122042	47.042	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	104707	44.723	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	368525	49.534	ug/L	99
19) 1,1-Dichloroethane	3.188	63	198814	47.679	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	120651	46.301	ug/L	97
22) 2-Butanone	3.982	43	190457	101.429	ug/L	97
23) Bromochloromethane	4.249	128	67542	48.671	ug/L	96
25) Chloroform	4.375	83	206340	46.746	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	154478	52.208	ug/L	100
29) Cyclohexane	4.677	56	159452	45.031	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	174422	46.331	ug/L	99
31) Carbon tetrachloride	4.828	117	148707	45.976	ug/L	99
33) Benzene	5.098	78	434376	47.134	ug/L	100
34) Trichloroethene	5.915	95	113347	43.420	ug/L	98
35) Methylcyclohexane	6.130	83	169110	44.313	ug/L	99
37) 1,2-Dichloropropane	6.175	63	114920	48.106	ug/L	99
38) Bromodichloromethane	6.510	83	152389	49.882	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	182906	49.591	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	349704	107.979	ug/L	100
42) Toluene	7.387	91	465592	46.809	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	173814	50.635	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	121268	49.890	ug/L	99
46) Tetrachloroethene	7.979	164	91948	45.299	ug/L	98
48) 2-Hexanone	8.140	43	265644	105.715	ug/L	100
49) Dibromochloromethane	8.246	129	132585	50.958	ug/L	98
50) 1,2-Dibromoethane	8.352	107	129271	49.554	ug/L	98
51) Chlorobenzene	8.882	112	309581	46.293	ug/L	98
52) Ethylbenzene	9.014	91	493901	45.871	ug/L	99
53) m,p-Xylene	9.140	106	193534	46.244	ug/L	99
54) o-Xylene	9.545	106	193055	46.622	ug/L	98
55) Styrene	9.561	104	330153	46.719	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	189218	53.728	ug/L	99
59) Bromoform	9.731	173	94802	54.027	ug/L	99
60) Isopropylbenzene	9.934	105	500920	48.253	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	152452	53.243	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	421455	48.358	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	433223	48.905	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	247614	46.978	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	245711	45.557	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	250634	47.890	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	40800	59.123	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	184192	46.735	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	158195	45.628	ug/L	99
71) Naphthalene	13.503	128	504724	50.608	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	165493	48.939	ug/L	100

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

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