

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060421\
 Data File : VV021517.D
 Acq On : 04 Jun 2021 19:16
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050195

Quant Time: Jun 05 04:00:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 05 03:34:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	469884	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	438302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	256244	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	92164	29.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.580%#
7) Chloroethane-d5	1.568	69	75770	32.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.840%#
11) 1,1-Dichloroethene-d2	2.108	63	192981	36.506	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.020%
21) 2-Butanone-d5	3.886	46	210829	95.037	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.040%
24) Chloroform-d	4.352	84	256481	41.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.300%
26) 1,2-Dichloroethane-d4	5.034	65	148803	41.950	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.900%
32) Benzene-d6	5.053	84	471730	38.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.940%
36) 1,2-Dichloropropane-d6	6.072	67	153327	40.492	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.980%
41) Toluene-d8	7.317	98	448511	38.394	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.780%#
43) trans-1,3-Dichloroprop...	7.622	79	81782	40.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.720%
47) 2-Hexanone-d5	8.088	63	166906	95.993	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.990%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	237769	45.236	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.480%
66) 1,2-Dichlorobenzene-d4	11.625	152	220978	41.486	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	140638	43.182	ug/L	99
3) Chloromethane	1.240	50	124247	38.295	ug/L	100
5) Vinyl chloride	1.311	62	143465	43.084	ug/L	96
6) Bromomethane	1.523	94	70558	30.940	ug/L	99
8) Chloroethane	1.584	64	81649	43.126	ug/L	99
9) Trichlorofluoromethane	1.751	101	234706	47.519	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	128508	44.759	ug/L	96
12) 1,1-Dichloroethene	2.118	96	128350	46.542	ug/L	89
13) Acetone	2.179	43	125379	65.687	ug/L #	86
14) Carbon disulfide	2.294	76	384738	44.252	ug/L	100
15) Methyl Acetate	2.433	43	152073	46.499	ug/L	99
16) Methylene chloride	2.507	84	154391	44.690	ug/L	95
17) trans-1,2-Dichloroethene	2.761	96	148711	47.266	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	477128	47.836	ug/L	99
19) 1,1-Dichloroethane	3.192	63	251377	45.086	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	167529	47.594	ug/L	96
22) 2-Butanone	3.970	43	207564	85.843	ug/L	96
23) Bromochloromethane	4.249	128	93905	48.169	ug/L #	91
25) Chloroform	4.378	83	272719	47.267	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	190045	47.678	ug/L	100
29) Cyclohexane	4.680	56	215488	42.201	ug/L	96
30) 1,1,1-Trichloroethane	4.613	97	256151	47.342	ug/L	99
31) Carbon tetrachloride	4.831	117	233629	47.564	ug/L	100
33) Benzene	5.101	78	579994	46.233	ug/L	100
34) Trichloroethene	5.915	95	161253	47.288	ug/L	98
35) Methylcyclohexane	6.133	83	225609	41.215	ug/L	97
37) 1,2-Dichloropropane	6.175	63	142918	44.681	ug/L	99
38) Bromodichloromethane	6.513	83	208362	46.422	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	250601	46.599	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	413420	95.324	ug/L	98
42) Toluene	7.391	91	652530	46.888	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	238635	46.906	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	155558	47.917	ug/L	99
46) Tetrachloroethene	7.976	164	151777	48.411	ug/L	98
48) 2-Hexanone	8.140	43	310667	93.398	ug/L	99
49) Dibromochloromethane	8.249	129	195589	48.114	ug/L	100
50) 1,2-Dibromoethane	8.352	107	174203	48.754	ug/L	97
51) Chlorobenzene	8.883	112	439087	47.722	ug/L	98
52) Ethylbenzene	9.014	91	724612	47.405	ug/L	100
53) m,p-Xylene	9.140	106	277740	47.290	ug/L	100
54) o-Xylene	9.545	106	275219	47.460	ug/L	98
55) Styrene	9.561	104	479561	48.050	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	243036	47.959	ug/L	98
59) Bromoform	9.731	173	163337	47.242	ug/L	100
60) Isopropylbenzene	9.931	105	732135	46.109	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	188973	46.935	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	618487	45.246	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	638819	46.262	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	384379	47.926	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	385879	47.655	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	380272	47.353	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	58664	46.770	ug/L	95
69) 1,3,5-Trichlorobenzene	12.645	180	309515	45.746	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	289300	47.862	ug/L	100
71) Naphthalene	13.503	128	866873	51.994	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	284615	48.375	ug/L	99

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

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