

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011921\
 Data File : VV020068.D
 Acq On : 19 Jan 2021 22:38
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 20 01:12:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 01:05:37 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	371039	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	356729	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	205703	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	101523	32.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.88%
7) Chloroethane-d5	1.57	69	80395	32.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.36%#
11) 1,1-Dichloroethene-d2	2.11	63	204848	33.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.46%
21) 2-Butanone-d5	3.89	46	166550	82.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.03%
24) Chloroform-d	4.35	84	246438	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.42%
26) 1,2-Dichloroethane-d4	5.04	65	165897	43.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.58%
32) Benzene-d6	5.05	84	452771	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
36) 1,2-Dichloropropane-d6	6.07	67	137286	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.34%
41) Toluene-d8	7.32	98	417517	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.63	79	70477	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.40%
47) 2-Hexanone-d5	8.09	63	118754	94.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.23%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	194173	45.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.38%
64) 1,2-Dichlorobenzene-d4	11.63	152	187235	47.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.26%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	124574	34.747	ug/L	100
3) Chloromethane	1.24	50	111185	32.358	ug/L	100
5) Vinyl chloride	1.31	62	116382	33.468	ug/L	100
6) Bromomethane	1.52	94	77291	35.639	ug/L	93
8) Chloroethane	1.59	64	68478	31.994	ug/L	100
9) Trichlorofluoromethane	1.76	101	184722	37.811	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	94268	34.738	ug/L #	89
12) 1,1-Dichloroethene	2.12	96	93641	35.784	ug/L	80
13) Acetone	2.19	43	103247	57.557	ug/L	99
14) Carbon disulfide	2.30	76	287483	36.979	ug/L	99
15) Methyl Acetate	2.44	43	114348	37.564	ug/L	93
16) Methylene chloride	2.51	84	123728	44.494	ug/L	89
17) trans-1,2-Dichloroethene	2.77	96	116840	44.551	ug/L	92
18) Methyl tert-butyl Ether	2.77	73	388927	45.537	ug/L	97
19) 1,1-Dichloroethane	3.20	63	217901	43.450	ug/L	99
20) cis-1,2-Dichloroethene	3.92	96	130885	46.733	ug/L	88
22) 2-Butanone	3.98	43	171662	79.423	ug/L	98
23) Bromochloromethane	4.25	128	72003	49.192	ug/L #	77
25) Chloroform	4.38	83	240040	45.531	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.14	62	192985	43.809	ug/L	100
29) Cyclohexane	4.69	56	158191	37.503	ug/L	92
30) 1,1,1-Trichloroethane	4.62	97	211529	45.076	ug/L	96
31) Carbon tetrachloride	4.84	117	179199	44.788	ug/L	99
33) Benzene	5.10	78	476597	46.022	ug/L	100
34) Trichloroethene	5.92	95	135633	45.706	ug/L	93
35) Methylcyclohexane	6.14	83	169466	39.963	ug/L	93
37) 1,2-Dichloropropane	6.18	63	120066	44.697	ug/L #	96
38) Bromodichloromethane	6.51	83	175468	45.223	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	192027	45.655	ug/L	96
40) 4-Methyl-2-pentanone	7.23	43	332563	80.575	ug/L #	94
42) Toluene	7.39	91	511800	46.410	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	192385	45.086	ug/L	99
45) 1,1,2-Trichloroethane	7.84	97	127023	48.113	ug/L	96
46) Tetrachloroethene	7.98	164	101515	47.647	ug/L	95
48) 2-Hexanone	8.14	43	259386	79.893	ug/L #	94
49) Dibromochloromethane	8.25	129	145155	49.784	ug/L	96
50) 1,2-Dibromoethane	8.36	107	137592	48.573	ug/L #	99
51) Chlorobenzene	8.88	112	348653	47.733	ug/L	96
52) Ethylbenzene	9.02	91	568502	45.394	ug/L	97
53) m,p-Xylene	9.14	106	219103	47.901	ug/L	95
54) o-xylene	9.55	106	216588	48.095	ug/L	95
55) Styrene	9.57	104	383258	49.229	ug/L	99
56) Isopropylbenzene	9.94	105	572490	46.999	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.25	83	191397	46.304	ug/L #	97
59) 1,2,3-Trichloropropane	10.28	75	167401	45.826	ug/L	100
61) Bromoform	9.74	173	107118	51.143	ug/L	99
62) 1,3-Dichlorobenzene	11.19	146	289824	46.953	ug/L	98
63) 1,4-Dichlorobenzene	11.28	146	299839	47.336	ug/L	98
65) 1,2-Dichlorobenzene	11.65	146	301746	48.523	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.44	75	46646	43.125	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.65	180	225021	48.540	ug/L	98
68) 1,2,4-trichlorobenzene	13.27	180	208262	50.815	ug/L	99
69) Naphthalene	13.51	128	590360	49.797	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	208115	52.312	ug/L	99

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

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