

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110320\
 Data File : VV019210.D
 Acq On : 02 Nov 2020 19:22
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100305

Quant Time: Nov 03 04:32:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:30:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	242132	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	233608	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	129785	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	190425	184.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	369.38%#
7) Chloroethane-d5	1.58	69	146870	185.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	370.80%#
11) 1,1-Dichloroethene-d2	2.12	63	348857	183.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	366.60%#
21) 2-Butanone-d5	3.90	46	236331	278.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	278.81%#
24) Chloroform-d	4.37	84	359421	126.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	253.24%#
26) 1,2-Dichloroethane-d4	5.05	65	248019	134.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	269.38%#
32) Benzene-d6	5.07	84	671426	119.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	239.48%#
36) 1,2-Dichloropropane-d6	6.09	67	201256	118.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	237.46%#
41) Toluene-d8	7.33	98	630901	118.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	236.66%#
43) trans-1,3-Dichloropropene-	7.64	79	119032	125.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	250.00%#
47) 2-Hexanone-d5	8.10	63	175419	263.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	263.02%#
56) 1,1,2,2-Tetrachloroethane-	10.23	84	270803	116.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	232.36%#
66) 1,2-Dichlorobenzene-d4	11.65	152	267708	116.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	232.30%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	146512	87.663	ug/L	100
3) Chloromethane	1.25	50	157238	109.673	ug/L	99
5) Vinyl chloride	1.32	62	166228	138.890	ug/L	98
6) Bromomethane	1.53	94	112028	161.053	ug/L	99
8) Chloroethane	1.60	64	108476	166.272	ug/L	100
9) Trichlorofluoromethane	1.76	101	261122	122.788	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	125791	135.470	ug/L	100
12) 1,1-Dichloroethene	2.13	96	132079	149.754	ug/L	94
13) Acetone	2.19	43	158059	223.302	ug/L	100
14) Carbon disulfide	2.31	76	379934	105.800	ug/L	99
15) Methyl Acetate	2.44	43	159878	119.382	ug/L	99
16) Methylene chloride	2.52	84	158255	100.184	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	146096	101.282	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	531309	108.960	ug/L	100
19) 1,1-Dichloroethane	3.21	63	284911	108.667	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	167268	99.445	ug/L	97
22) 2-Butanone	3.99	43	223950	217.131	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	90199	106.101	ug/L	99
25) Chloroform	4.40	83	308828	104.577	ug/L	100
27) 1,2-Dichloroethane	5.15	62	262511	115.742	ug/L	100
29) Cyclohexane	4.70	56	206212	91.545	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	279048	105.084	ug/L	99
31) Carbon tetrachloride	4.85	117	238497	101.119	ug/L	99
33) Benzene	5.12	78	612660	100.834	ug/L	100
34) Trichloroethene	5.94	95	158428	95.519	ug/L	98
35) Methylcyclohexane	6.15	83	195762	78.294	ug/L	99
37) 1,2-Dichloropropane	6.20	63	161425	107.881	ug/L	99
38) Bromodichloromethane	6.53	83	237549	102.631	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	271538	104.128	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	458517	238.258	ug/L	98
42) Toluene	7.41	91	660158	98.925	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	283434	113.992	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	161231	101.547	ug/L	98
46) Tetrachloroethene	7.99	164	127860	95.822	ug/L	98
48) 2-Hexanone	8.15	43	352572	237.027	ug/L	100
49) Dibromochloromethane	8.27	129	197551	103.010	ug/L	100
50) 1,2-Dibromoethane	8.37	107	169930	97.960	ug/L	98
51) Chlorobenzene	8.90	112	433748	96.663	ug/L	100
52) Ethylbenzene	9.03	91	727434	95.343	ug/L	99
53) m,p-Xylene	9.16	106	273104	92.694	ug/L	98
54) o-Xylene	9.56	106	272599	96.035	ug/L	98
55) Styrene	9.58	104	493776	101.246	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.26	83	246587	98.592	ug/L	99
59) Bromoform	9.75	173	154442	104.323	ug/L	98
60) Isopropylbenzene	9.95	105	708481	87.710	ug/L	100
61) 1,2,3-Trichloropropane	10.29	75	207663	96.533	ug/L	99
62) 1,3,5-Trimethylbenzene	10.56	105	608851	88.304	ug/L	98
63) 1,2,4-Trimethylbenzene	10.94	105	598835	88.950	ug/L	99
64) 1,3-Dichlorobenzene	11.20	146	364111	92.637	ug/L	99
65) 1,4-Dichlorobenzene	11.29	146	374032	92.486	ug/L	99
67) 1,2-Dichlorobenzene	11.67	146	371423	95.421	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.45	75	65239	100.569	ug/L	97
69) 1,3,5-Trichlorobenzene	12.67	180	263276	92.931	ug/L	100
70) 1,2,4-trichlorobenzene	13.28	180	259531	100.718	ug/L	100
71) Naphthalene	13.52	128	816060	104.890	ug/L	100
72) 1,2,3-Trichlorobenzene	13.77	180	262116	103.500	ug/L	100

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

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