

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032320\
 Data File : VV015109.D
 Acq On : 24 Mar 2020 01:11
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

Quant Time: Mar 24 13:31:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 24 10:01:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	740974	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	701641	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	328869	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	340319	49.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.44%
7) Chloroethane-d5	1.58	69	283857	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.12	63	574624	50.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.58%
21) 2-Butanone-d5	3.93	46	457362	102.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.56%
24) Chloroform-d	4.38	84	523053	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
26) 1,2-Dichloroethane-d4	5.06	65	331253	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
32) Benzene-d6	5.08	84	1049340	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
36) 1,2-Dichloropropane-d6	6.09	67	340832	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.02%
41) Toluene-d8	7.34	98	977570	49.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.22%
43) trans-1,3-Dichloropropene-	7.64	79	180706	49.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.40%
47) 2-Hexanone-d5	8.11	63	344933	98.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	476955	48.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	361232	49.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.38%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	280529	49.899	ug/L	99
3) Chloromethane	1.25	50	367044	49.317	ug/L	100
5) Vinyl chloride	1.32	62	348894	49.388	ug/L	99
6) Bromomethane	1.53	94	223332	51.692	ug/L	98
8) Chloroethane	1.60	64	257551	47.481	ug/L	99
9) Trichlorofluoromethane	1.76	101	453223	50.904	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	224850	50.392	ug/L	99
12) 1,1-Dichloroethene	2.13	96	230434	48.002	ug/L	97
13) Acetone	2.22	43	289840	82.967	ug/L	97
14) Carbon disulfide	2.31	76	622652	50.489	ug/L	100
15) Methyl Acetate	2.46	43	325770	52.175	ug/L	100
16) Methylene chloride	2.52	84	282386	49.710	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	241680	50.684	ug/L	96
18) Methyl tert-butyl Ether	2.79	73	913607	50.175	ug/L	99
19) 1,1-Dichloroethane	3.21	63	484610	49.781	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	284017	50.457	ug/L	97
22) 2-Butanone	4.02	43	457817	93.946	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	140458	50.215	uq/L	99
25) Chloroform	4.41	83	481977	49.704	uq/L	100
27) 1,2-Dichloroethane	5.16	62	381072	49.342	uq/L	99
29) Cyclohexane	4.70	56	387924	49.671	uq/L	100
30) 1,1,1-Trichloroethane	4.64	97	405501	49.355	uq/L	98
31) Carbon tetrachloride	4.86	117	346348	50.001	uq/L	100
33) Benzene	5.13	78	1049280	49.250	uq/L	100
34) Trichloroethene	5.94	95	256574	49.990	uq/L	98
35) Methylcyclohexane	6.15	83	372804	49.220	uq/L	98
37) 1,2-Dichloropropane	6.20	63	280480	48.864	uq/L	100
38) Bromodichloromethane	6.53	83	389804	49.341	uq/L	99
39) cis-1,3-Dichloropropene	7.05	75	472931	50.408	uq/L	98
40) 4-Methyl-2-pentanone	7.25	43	948926	99.897	uq/L	99
42) Toluene	7.41	91	1114066	49.085	uq/L	98
44) trans-1,3-Dichloropropene	7.67	75	421211	48.787	uq/L	100
45) 1,1,2-Trichloroethane	7.86	97	270051	49.312	uq/L	99
46) Tetrachloroethene	8.00	164	179290	50.109	uq/L	96
48) 2-Hexanone	8.16	43	738063	100.974	uq/L	99
49) Dibromochloromethane	8.27	129	314808	49.796	uq/L	98
50) 1,2-Dibromoethane	8.37	107	292839	48.671	uq/L	100
51) Chlorobenzene	8.90	112	717860	49.299	uq/L	100
52) Ethylbenzene	9.03	91	1229680	49.676	uq/L	100
53) m,p-Xylene	9.16	106	463902	49.509	uq/L	99
54) o-xylene	9.57	106	478923	49.476	uq/L	100
55) Styrene	9.58	104	829824	49.570	uq/L	99
56) Isopropylbenzene	9.95	105	1181320	49.444	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	471538	50.076	uq/L	99
59) 1,2,3-Trichloropropane	10.30	75	371015	48.755	uq/L	100
61) Bromoform	9.75	173	221594	49.173	uq/L	98
62) 1,3-Dichlorobenzene	11.20	146	542970	49.665	uq/L	99
63) 1,4-Dichlorobenzene	11.30	146	547711	49.561	uq/L	99
65) 1,2-Dichlorobenzene	11.67	146	558835	49.051	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	125074	49.322	uq/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	380134	50.748	uq/L	99
68) 1,2,4-trichlorobenzene	13.28	180	360731	50.707	uq/L	100
69) Naphthalene	13.52	128	731203	52.021	uq/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	382954	52.253	uq/L	97

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

