

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070820\
 Data File : VV017391.D
 Acq On : 08 Jul 2020 12:31
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

Quant Time: Jul 09 02:05:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 09 02:01:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	317801	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302039	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80170	48.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.92%
7) Chloroethane-d5	1.58	69	57075	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.22%
11) 1,1-Dichloroethene-d2	2.12	63	183506	48.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.98%
21) 2-Butanone-d5	3.90	46	108619	96.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.12%
24) Chloroform-d	4.37	84	182721	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.50%
26) 1,2-Dichloroethane-d4	5.05	65	130472	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
32) Benzene-d6	5.07	84	324300	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.09	67	90692	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.54%
41) Toluene-d8	7.33	98	315347	50.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.54%
43) trans-1,3-Dichloropropene-	7.64	79	55061	50.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.70%
47) 2-Hexanone-d5	8.11	63	80237	104.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	127964	48.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	137523	49.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	163433	47.889	ug/L 100
3) Chloromethane	1.25	50	113902	47.406	ug/L 100
5) Vinyl chloride	1.32	62	116765	48.081	ug/L 97
6) Bromomethane	1.53	94	64141	52.034	ug/L 96
8) Chloroethane	1.59	64	60929	48.354	ug/L 100
9) Trichlorofluoromethane	1.76	101	216084	47.528	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	102517	48.577	ug/L 98
12) 1,1-Dichloroethene	2.13	96	93810	49.145	ug/L 93
13) Acetone	2.18	43	153995	100.110	ug/L 100
14) Carbon disulfide	2.31	76	283766	48.844	ug/L 98
15) Methyl Acetate	2.44	43	99989	48.970	ug/L 98
16) Methylene chloride	2.52	84	105332	47.397	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	100376	48.356	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	340004	49.097	ug/L 100
19) 1,1-Dichloroethane	3.21	63	180951	47.408	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	107935	48.530	ug/L 99
22) 2-Butanone	3.98	43	154204	102.554	ug/L 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	59605	48.164	uq/L	97
25) Chloroform	4.40	83	203176	47.424	uq/L	100
27) 1,2-Dichloroethane	5.15	62	178908	47.509	uq/L	99
29) Cyclohexane	4.70	56	156249	49.607	uq/L	98
30) 1,1,1-Trichloroethane	4.63	97	199157	47.950	uq/L	99
31) Carbon tetrachloride	4.85	117	186737	49.120	uq/L	99
33) Benzene	5.12	78	391433	49.027	uq/L	100
34) Trichloroethene	5.94	95	112339	47.392	uq/L	98
35) Methylcyclohexane	6.15	83	171255	49.337	uq/L	99
37) 1,2-Dichloropropane	6.20	63	94196	48.237	uq/L	98
38) Bromodichloromethane	6.53	83	156194	49.121	uq/L	99
39) cis-1,3-Dichloropropene	7.05	75	169444	50.917	uq/L	98
40) 4-Methyl-2-pentanone	7.24	43	265438	98.303	uq/L	99
42) Toluene	7.41	91	441263	49.447	uq/L	98
44) trans-1,3-Dichloropropene	7.67	75	176042	51.145	uq/L	99
45) 1,1,2-Trichloroethane	7.86	97	99314	46.873	uq/L	99
46) Tetrachloroethene	8.00	164	96810	48.639	uq/L	95
48) 2-Hexanone	8.16	43	221767	101.453	uq/L	99
49) Dibromochloromethane	8.27	129	129097	48.842	uq/L	98
50) 1,2-Dibromoethane	8.37	107	110634	48.785	uq/L	98
51) Chlorobenzene	8.90	112	293007	48.454	uq/L	99
52) Ethylbenzene	9.03	91	504367	49.412	uq/L	100
53) m,p-Xylene	9.16	106	189746	49.653	uq/L	94
54) o-xylene	9.56	106	186654	50.851	uq/L	97
55) Styrene	9.58	104	316930	49.708	uq/L	96
56) Isopropylbenzene	9.95	105	515388	50.470	uq/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	146206	46.990	uq/L	100
59) 1,2,3-Trichloropropane	10.29	75	129022	47.680	uq/L	98
61) Bromoform	9.75	173	94270	47.319	uq/L	100
62) 1,3-Dichlorobenzene	11.20	146	252686	48.893	uq/L	99
63) 1,4-Dichlorobenzene	11.29	146	251668	47.980	uq/L	99
65) 1,2-Dichlorobenzene	11.67	146	247523	48.045	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	40390	48.180	uq/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	195455	50.206	uq/L	99
68) 1,2,4-trichlorobenzene	13.28	180	174253	51.043	uq/L	100
69) Naphthalene	13.52	128	502426	52.700	uq/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	176817	50.919	uq/L	99

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

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