

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092320\
 Data File : VV018408.D
 Acq On : 23 Sep 2020 12:35
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV306

Quant Time: Sep 24 07:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 07:48:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	311960	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	303314	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	168940	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91918	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.98%
7) Chloroethane-d5	1.58	69	80638	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	188588	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
21) 2-Butanone-d5	3.92	46	142000	102.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.34%
24) Chloroform-d	4.38	84	193502	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
26) 1,2-Dichloroethane-d4	5.06	65	123245	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
32) Benzene-d6	5.08	84	379223	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
36) 1,2-Dichloropropane-d6	6.09	67	121627	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.78%
41) Toluene-d8	7.34	98	356406	50.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.96%
43) trans-1,3-Dichloropropene-	7.64	79	63156	51.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.20%
47) 2-Hexanone-d5	8.11	63	101696	112.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.19%
56) 1,1,2,2-Tetrachloroethane-	10.24	84	160590	50.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.56%
66) 1,2-Dichlorobenzene-d4	11.65	152	153598	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	100104	43.478	ug/L	98
3) Chloromethane	1.25	50	110355	43.212	ug/L	98
5) Vinyl chloride	1.32	62	114412	43.783	ug/L	100
6) Bromomethane	1.53	94	73371	44.186	ug/L	100
8) Chloroethane	1.59	64	72301	42.933	ug/L	99
9) Trichlorofluoromethane	1.77	101	163997	44.135	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	101396	44.511	ug/L	99
12) 1,1-Dichloroethene	2.13	96	94737	43.732	ug/L	98
13) Acetone	2.21	43	158820	90.494	ug/L	100
14) Carbon disulfide	2.31	76	271242	44.098	ug/L	100
15) Methyl Acetate	2.45	43	102496	44.253	ug/L	98
16) Methylene chloride	2.52	84	107369	43.777	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	97083	44.275	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	305061	44.760	ug/L	99
19) 1,1-Dichloroethane	3.21	63	185690	43.620	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	106977	45.246	ug/L	100
22) 2-Butanone	4.00	43	171651	98.528	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	55338	43.706	ug/L	97
25) Chloroform	4.40	83	189405	44.008	ug/L	99
27) 1,2-Dichloroethane	5.16	62	144743	43.402	ug/L	99
29) Cyclohexane	4.70	56	168972	47.868	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	165864	44.461	ug/L	99
31) Carbon tetrachloride	4.86	117	144970	44.576	ug/L	100
33) Benzene	5.13	78	411943	45.348	ug/L	100
34) Trichloroethene	5.94	95	111175	44.518	ug/L	98
35) Methylcyclohexane	6.15	83	172930	47.694	ug/L	99
37) 1,2-Dichloropropane	6.20	63	109028	45.390	ug/L	99
38) Bromodichloromethane	6.53	83	139204	44.282	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	171413	47.570	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	270000	94.715	ug/L	100
42) Toluene	7.41	91	442174	46.397	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	167211	46.802	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	103107	45.581	ug/L	99
46) Tetrachloroethene	8.00	164	89512	45.774	ug/L	98
48) 2-Hexanone	8.16	43	235456	97.458	ug/L	100
49) Dibromochloromethane	8.27	129	113174	44.941	ug/L	99
50) 1,2-Dibromoethane	8.37	107	107392	45.604	ug/L	99
51) Chlorobenzene	8.90	112	286773	45.029	ug/L	100
52) Ethylbenzene	9.03	91	493719	47.073	ug/L	100
53) m,p-Xylene	9.16	106	188026	48.010	ug/L	100
54) o-Xylene	9.56	106	177387	47.011	ug/L	99
55) Styrene	9.58	104	317721	48.139	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.26	83	152032	46.100	ug/L	99
59) Bromoform	9.75	173	85499	45.275	ug/L	99
60) Isopropylbenzene	9.95	105	487659	46.833	ug/L	99
61) 1,2,3-Trichloropropane	10.29	75	128622	43.874	ug/L	99
62) 1,3,5-Trimethylbenzene	10.56	105	408745	48.496	ug/L	100
63) 1,2,4-Trimethylbenzene	10.94	105	420236	48.563	ug/L	100
64) 1,3-Dichlorobenzene	11.20	146	240886	45.519	ug/L	99
65) 1,4-Dichlorobenzene	11.29	146	248118	44.737	ug/L	99
67) 1,2-Dichlorobenzene	11.67	146	237864	44.704	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.45	75	33447	45.155	ug/L	96
69) 1,3,5-Trichlorobenzene	12.67	180	189515	45.923	ug/L	99
70) 1,2,4-trichlorobenzene	13.28	180	175805	47.547	ug/L	99
71) Naphthalene	13.52	128	478794	49.923	ug/L	100
72) 1,2,3-Trichlorobenzene	13.76	180	176019	47.366	ug/L	100

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

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