

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
 Data File : VV018555.D
 Acq On : 30 Sep 2020 09:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05094

Quant Time: Oct 01 07:36:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	373460	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	364497	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	202568	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107740	49.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.38%
7) Chloroethane-d5	1.58	69	101356	55.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.94%
11) 1,1-Dichloroethene-d2	2.12	63	237945	53.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.64%
21) 2-Butanone-d5	3.91	46	169940	104.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.02%
24) Chloroform-d	4.37	84	240619	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.05	65	154150	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
32) Benzene-d6	5.07	84	464252	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
36) 1,2-Dichloropropane-d6	6.09	67	143564	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.92%
41) Toluene-d8	7.33	98	448088	51.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.18%
43) trans-1,3-Dichloropropene-	7.64	79	77267	51.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.54%
47) 2-Hexanone-d5	8.11	63	113859	107.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.46%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	191716	51.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	196215	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	125379	49.375	ug/L	100
3) Chloromethane	1.25	50	132823	48.884	ug/L	99
5) Vinyl chloride	1.32	62	140619	49.224	ug/L	99
6) Bromomethane	1.53	94	105435	54.228	ug/L	99
8) Chloroethane	1.60	64	99306	56.411	ug/L	98
9) Trichlorofluoromethane	1.77	101	226112	52.078	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	130637	53.758	ug/L	99
12) 1,1-Dichloroethene	2.13	96	123621	53.026	ug/L	95
13) Acetone	2.20	43	152794	108.249	ug/L	98
14) Carbon disulfide	2.31	76	361376	47.851	ug/L	99
15) Methyl Acetate	2.45	43	130304	47.918	ug/L	100
16) Methylene chloride	2.52	84	135021	48.255	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	131932	49.456	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	405690	49.914	ug/L	99
19) 1,1-Dichloroethane	3.21	63	230490	49.347	ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	142742	50.349	ug/L	99
22) 2-Butanone	4.00	43	191435	107.361	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	76605	49.138	ug/L	97
25) Chloroform	4.40	83	242554	49.180	ug/L	98
27) 1,2-Dichloroethane	5.15	62	191613	49.845	ug/L	99
29) Cyclohexane	4.70	56	206565	49.689	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	219964	48.610	ug/L	99
31) Carbon tetrachloride	4.85	117	197467	48.623	ug/L	99
33) Benzene	5.12	78	529663	49.462	ug/L	100
34) Trichloroethene	5.93	95	151078	48.596	ug/L	98
35) Methylcyclohexane	6.15	83	200730	47.864	ug/L	100
37) 1,2-Dichloropropane	6.19	63	134355	48.903	ug/L	99
38) Bromodichloromethane	6.53	83	181228	49.256	ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	222282	51.568	ug/L	96
40) 4-Methyl-2-pentanone	7.24	43	356342	100.516	ug/L	100
42) Toluene	7.41	91	576559	49.771	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	215658	50.931	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	133548	49.103	ug/L	98
46) Tetrachloroethene	7.99	164	124023	49.174	ug/L	99
48) 2-Hexanone	8.15	43	286506	103.580	ug/L	99
49) Dibromochloromethane	8.27	129	154396	49.633	ug/L	99
50) 1,2-Dibromoethane	8.37	107	142279	49.203	ug/L	97
51) Chlorobenzene	8.90	112	389452	49.695	ug/L	99
52) Ethylbenzene	9.03	91	644781	49.840	ug/L	100
53) m,p-Xylene	9.16	106	250620	50.127	ug/L	97
54) o-xylene	9.56	106	241061	50.927	ug/L	98
55) Styrene	9.58	104	424938	51.557	ug/L	100
56) Isopropylbenzene	9.95	105	634768	50.002	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	188587	49.193	ug/L	96
59) 1,2,3-Trichloropropane	10.29	75	164714	49.289	ug/L	99
61) Bromoform	9.75	173	114832	49.351	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	323300	49.316	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	332542	49.260	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	317211	48.911	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	42455	47.952	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	214857	47.314	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	202819	47.997	ug/L	99
69) Naphthalene	13.52	128	611497	50.553	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	201491	47.499	ug/L	99

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

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