

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092320\
 Data File : VV018415.D
 Acq On : 23 Sep 2020 16:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050308

Quant Time: Sep 24 07:58:26 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	304567	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	300729	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	166075	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85878	45.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.90%
7) Chloroethane-d5	1.58	69	74721	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.86%
11) 1,1-Dichloroethene-d2	2.12	63	181216	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
21) 2-Butanone-d5	3.91	46	134454	99.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.25%
24) Chloroform-d	4.37	84	186941	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
26) 1,2-Dichloroethane-d4	5.05	65	117352	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
32) Benzene-d6	5.07	84	362213	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.68%
36) 1,2-Dichloropropane-d6	6.09	67	116011	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.02%
41) Toluene-d8	7.33	98	338948	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.64	79	59682	48.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.42%
47) 2-Hexanone-d5	8.11	63	96566	107.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.44%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	153475	48.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.90%
66) 1,2-Dichlorobenzene-d4	11.65	152	146804	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	103587	46.083	ug/L 100
3) Chloromethane	1.25	50	114380	45.875	ug/L 100
5) Vinyl chloride	1.32	62	116114	45.513	ug/L 100
6) Bromomethane	1.53	94	73995	45.644	ug/L 99
8) Chloroethane	1.60	64	73749	44.856	ug/L 100
9) Trichlorofluoromethane	1.76	101	167545	46.185	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	103708	46.631	ug/L 99
12) 1,1-Dichloroethene	2.13	96	96775	45.757	ug/L 92
13) Acetone	2.20	43	134815	78.681	ug/L 99
14) Carbon disulfide	2.31	76	276326	46.015	ug/L 100
15) Methyl Acetate	2.45	43	105185	46.516	ug/L 98
16) Methylene chloride	2.52	84	109911	45.902	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	99493	46.475	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	314177	47.217	ug/L 99
19) 1,1-Dichloroethane	3.21	63	190629	45.867	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	108785	47.128	ug/L 96
22) 2-Butanone	4.00	43	153229	90.089	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	57437	46.465	ug/L	97
25) Chloroform	4.40	83	194996	46.407	ug/L	100
27) 1,2-Dichloroethane	5.15	62	149086	45.790	ug/L	100
29) Cyclohexane	4.70	56	171850	49.101	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	170402	46.070	ug/L	99
31) Carbon tetrachloride	4.85	117	148830	46.156	ug/L	100
33) Benzene	5.12	78	424484	47.130	ug/L	100
34) Trichloroethene	5.94	95	113424	45.809	ug/L	98
35) Methylcyclohexane	6.15	83	175252	48.750	ug/L	100
37) 1,2-Dichloropropane	6.19	63	112818	47.372	ug/L	99
38) Bromodichloromethane	6.53	83	144321	46.304	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	173492	48.561	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	277965	98.347	ug/L	100
42) Toluene	7.41	91	456220	48.282	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	170519	48.138	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	104631	46.653	ug/L	99
46) Tetrachloroethene	7.99	164	91245	47.062	ug/L	98
48) 2-Hexanone	8.16	43	227682	95.051	ug/L	99
49) Dibromochloromethane	8.27	129	117973	47.249	ug/L	100
50) 1,2-Dibromoethane	8.37	107	108934	46.656	ug/L	98
51) Chlorobenzene	8.90	112	295671	46.825	ug/L	100
52) Ethylbenzene	9.03	91	504284	48.494	ug/L	99
53) m,p-Xylene	9.16	106	191408	49.294	ug/L	100
54) o-Xylene	9.56	106	184902	49.424	ug/L	96
55) Styrene	9.58	104	326685	49.922	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.26	83	155045	47.417	ug/L	98
59) Bromoform	9.75	173	85744	46.188	ug/L	99
60) Isopropylbenzene	9.95	105	505731	49.407	ug/L	99
61) 1,2,3-Trichloropropane	10.29	75	132792	46.078	ug/L	99
62) 1,3,5-Trimethylbenzene	10.56	105	420186	50.714	ug/L	100
63) 1,2,4-Trimethylbenzene	10.93	105	429350	50.472	ug/L	99
64) 1,3-Dichlorobenzene	11.20	146	248556	47.779	ug/L	98
65) 1,4-Dichlorobenzene	11.29	146	253888	46.567	ug/L	99
67) 1,2-Dichlorobenzene	11.66	146	245121	46.863	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.45	75	34307	47.115	ug/L	97
69) 1,3,5-Trichlorobenzene	12.67	180	194401	47.919	ug/L	100
70) 1,2,4-trichlorobenzene	13.28	180	177853	48.930	ug/L	98
71) Naphthalene	13.52	128	488958	51.862	ug/L	100
72) 1,2,3-Trichlorobenzene	13.77	180	180618	49.442	ug/L	100

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

