

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019084.D
 Acq On : 22 Oct 2020 21:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Quant Time: Oct 23 06:34:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	305823	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299778	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157031	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124902	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.92%
7) Chloroethane-d5	1.58	69	102335	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.52%
11) 1,1-Dichloroethene-d2	2.12	63	245937	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.52%
21) 2-Butanone-d5	3.92	46	185526	99.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.29%
24) Chloroform-d	4.38	84	229766	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	5.06	65	156608	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
32) Benzene-d6	5.07	84	437030	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
36) 1,2-Dichloropropane-d6	6.09	67	141581	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.32%
41) Toluene-d8	7.34	98	394379	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%
43) trans-1,3-Dichloropropene-	7.64	79	71882	47.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.46%
47) 2-Hexanone-d5	8.11	63	130320	100.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.91%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	188995	47.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	156233	47.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.86%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	114776	48.182	ug/L 100
3) Chloromethane	1.25	50	143396	48.403	ug/L 100
5) Vinyl chloride	1.32	62	143492	49.167	ug/L 98
6) Bromomethane	1.53	94	83404	49.945	ug/L 98
8) Chloroethane	1.60	64	89059	48.661	ug/L 99
9) Trichlorofluoromethane	1.77	101	190332	49.581	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	97818	47.913	ug/L 99
12) 1,1-Dichloroethene	2.13	96	98940	48.438	ug/L 96
13) Acetone	2.20	43	120512	95.161	ug/L 99
14) Carbon disulfide	2.31	76	321498	47.739	ug/L 100
15) Methyl Acetate	2.45	43	132993	49.974	ug/L 99
16) Methylene chloride	2.52	84	114546	48.113	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	105741	48.988	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	350452	50.067	ug/L 99
19) 1,1-Dichloroethane	3.21	63	214540	49.228	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	114731	49.707	ug/L 99
22) 2-Butanone	4.00	43	177559	102.278	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	59057	50.263	ug/L	94
25) Chloroform	4.40	83	210590	49.052	ug/L	97
27) 1,2-Dichloroethane	5.15	62	176170	49.445	ug/L	99
29) Cyclohexane	4.70	56	181920	50.699	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	185529	49.707	ug/L	99
31) Carbon tetrachloride	4.86	117	161159	49.529	ug/L	100
33) Benzene	5.13	78	455568	49.642	ug/L	100
34) Trichloroethene	5.94	95	113290	48.852	ug/L	98
35) Methylcyclohexane	6.15	83	155522	49.015	ug/L	100
37) 1,2-Dichloropropane	6.20	63	123002	48.685	ug/L	99
38) Bromodichloromethane	6.53	83	157707	49.334	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	183721	49.204	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	356059	104.462	ug/L	99
42) Toluene	7.41	91	479516	50.905	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	188165	50.797	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	107907	48.358	ug/L	98
46) Tetrachloroethene	8.00	164	87915	49.401	ug/L	99
48) 2-Hexanone	8.16	43	273379	103.939	ug/L	99
49) Dibromochloromethane	8.27	129	120484	49.399	ug/L	100
50) 1,2-Dibromoethane	8.37	107	113469	49.001	ug/L	100
51) Chlorobenzene	8.90	112	299125	49.511	ug/L	99
52) Ethylbenzene	9.03	91	524120	51.454	ug/L	100
53) m,p-Xylene	9.16	106	192245	51.555	ug/L	96
54) o-xylene	9.56	106	187308	52.170	ug/L	99
55) Styrene	9.58	104	335308	52.649	ug/L	98
56) Isopropylbenzene	9.95	105	496695	52.613	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	178558	48.631	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	144692	48.979	ug/L	99
61) Bromoform	9.75	173	88575	50.086	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	237199	50.335	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	245273	49.810	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	236993	49.879	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	41275	49.170	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	158811	49.354	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	150855	49.717	ug/L	99
69) Naphthalene	13.52	128	493931	52.832	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	155717	50.650	ug/L	99

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

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