

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102720\
 Data File : VV019130.D
 Acq On : 27 Oct 2020 14:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Quant Time: Oct 28 01:14:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 28 01:06:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284840	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279915	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153799	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101163	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.20%
7) Chloroethane-d5	1.58	69	81227	39.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.12	63	206831	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.36%
21) 2-Butanone-d5	3.91	46	135731	77.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.99%
24) Chloroform-d	4.37	84	197908	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
26) 1,2-Dichloroethane-d4	5.05	65	135320	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
32) Benzene-d6	5.07	84	371746	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.84%
36) 1,2-Dichloropropane-d6	6.09	67	114101	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.28%
41) Toluene-d8	7.33	98	350558	45.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.56%
43) trans-1,3-Dichloropropene-	7.64	79	62478	43.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.92%
47) 2-Hexanone-d5	8.11	63	96856	80.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.32%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	148383	40.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	140377	43.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	101587	45.787	ug/L 100
3) Chloromethane	1.25	50	107621	39.003	ug/L 99
5) Vinyl chloride	1.32	62	109712	40.361	ug/L 100
6) Bromomethane	1.53	94	70274	45.183	ug/L 99
8) Chloroethane	1.60	64	70374	41.284	ug/L 99
9) Trichlorofluoromethane	1.76	101	174919	48.923	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	88573	46.581	ug/L 96
12) 1,1-Dichloroethene	2.13	96	84633	44.486	ug/L 85
13) Acetone	2.19	43	112084	95.026	ug/L 98
14) Carbon disulfide	2.31	76	269205	42.919	ug/L 100
15) Methyl Acetate	2.45	43	102122	41.200	ug/L 98
16) Methylene chloride	2.52	84	97949	44.172	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	92500	46.010	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	301095	46.184	ug/L 99
19) 1,1-Dichloroethane	3.21	63	180983	44.587	ug/L 98
20) cis-1,2-Dichloroethene	3.93	96	98142	45.652	ug/L 98
22) 2-Butanone	3.99	43	140425	86.846	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	52311	47.801	ug/L	88
25) Chloroform	4.40	83	182592	45.664	ug/L	96
27) 1,2-Dichloroethane	5.15	62	156393	47.127	ug/L	99
29) Cyclohexane	4.70	56	153074	45.687	ug/L	96
30) 1,1,1-Trichloroethane	4.63	97	169011	48.494	ug/L	98
31) Carbon tetrachloride	4.85	117	148370	48.835	ug/L	100
33) Benzene	5.12	78	382949	44.690	ug/L	100
34) Trichloroethene	5.93	95	100525	46.424	ug/L	95
35) Methylcyclohexane	6.15	83	141118	47.631	ug/L	97
37) 1,2-Dichloropropane	6.19	63	101160	42.881	ug/L	99
38) Bromodichloromethane	6.53	83	137443	46.046	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	158211	45.379	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	270068	84.856	ug/L	97
42) Toluene	7.41	91	421084	47.874	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	163772	47.349	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	93778	45.008	ug/L	98
46) Tetrachloroethene	7.99	164	83771	50.413	ug/L	98
48) 2-Hexanone	8.15	43	212421	86.494	ug/L	99
49) Dibromochloromethane	8.27	129	108648	47.707	ug/L	97
50) 1,2-Dibromoethane	8.37	107	98735	45.664	ug/L	99
51) Chlorobenzene	8.90	112	267128	47.353	ug/L	99
52) Ethylbenzene	9.03	91	461086	48.478	ug/L	100
53) m,p-Xylene	9.16	106	174506	50.119	ug/L	99
54) o-xylene	9.56	106	165944	49.499	ug/L	100
55) Styrene	9.58	104	300028	50.452	ug/L	99
56) Isopropylbenzene	9.95	105	445519	50.541	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	143623	41.892	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	120178	43.568	ug/L	99
61) Bromoform	9.75	173	81523	47.068	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	221784	48.053	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	227411	47.153	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	218184	46.886	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	35671	43.387	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	155310	49.280	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	146552	49.313	ug/L	99
69) Naphthalene	13.52	128	434123	47.411	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	145815	48.426	ug/L	99

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

