

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112520\
 Data File : VV019441.D
 Acq On : 25 Nov 2020 14:31
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Nov 26 00:25:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 00:24:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	388882	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	393314	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	217346	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	165448	42.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.20%
7) Chloroethane-d5	1.57	69	141273	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.38%
11) 1,1-Dichloroethene-d2	2.12	63	324893	46.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.98%
21) 2-Butanone-d5	3.89	46	241003	101.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.81%
24) Chloroform-d	4.37	84	300569	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
26) 1,2-Dichloroethane-d4	5.05	65	197480	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
32) Benzene-d6	5.07	84	556785	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
36) 1,2-Dichloropropane-d6	6.09	67	189115	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.76%
41) Toluene-d8	7.33	98	501013	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%
43) trans-1,3-Dichloropropene-	7.64	79	93396	49.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.94%
47) 2-Hexanone-d5	8.10	63	158551	104.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.01%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	245080	48.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.88%
64) 1,2-Dichlorobenzene-d4	11.64	152	196938	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	156357	49.744	ug/L 100
3) Chloromethane	1.25	50	211990	50.150	ug/L 100
5) Vinyl chloride	1.32	62	207076	51.270	ug/L 100
6) Bromomethane	1.53	94	143246	54.401	ug/L 100
8) Chloroethane	1.59	64	133860	52.075	ug/L 100
9) Trichlorofluoromethane	1.76	101	265854	52.424	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	146246	53.627	ug/L 98
12) 1,1-Dichloroethene	2.13	96	146786	51.700	ug/L 97
13) Acetone	2.18	43	175422	96.916	ug/L 96
14) Carbon disulfide	2.31	76	430503	52.240	ug/L 100
15) Methyl Acetate	2.44	43	190819	52.067	ug/L 99
16) Methylene chloride	2.52	84	167913	51.059	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	147757	52.618	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	473363	53.012	ug/L 99
19) 1,1-Dichloroethane	3.21	63	305563	53.049	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	157899	51.168	ug/L 97
22) 2-Butanone	3.98	43	250180	104.220	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	82252	50.328	ug/L	95
25) Chloroform	4.40	83	302991	52.037	ug/L	99
27) 1,2-Dichloroethane	5.15	62	248032	54.290	ug/L	98
29) Cyclohexane	4.70	56	232447	56.457	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	255974	53.879	ug/L	99
31) Carbon tetrachloride	4.85	117	219909	53.918	ug/L	100
33) Benzene	5.12	78	640354	54.403	ug/L	100
34) Trichloroethene	5.93	95	171816	52.344	ug/L	97
35) Methylcyclohexane	6.15	83	217468	56.302	ug/L	99
37) 1,2-Dichloropropane	6.19	63	178881	55.098	ug/L	98
38) Bromodichloromethane	6.53	83	227616	52.881	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	258209	53.843	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	501638	109.577	ug/L	99
42) Toluene	7.41	91	671668	55.009	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	262068	54.863	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	160047	52.645	ug/L	99
46) Tetrachloroethene	7.99	164	118557	52.006	ug/L	97
48) 2-Hexanone	8.15	43	397308	109.577	ug/L	99
49) Dibromochloromethane	8.26	129	172239	51.262	ug/L	98
50) 1,2-Dibromoethane	8.37	107	167000	51.761	ug/L	100
51) Chlorobenzene	8.90	112	415518	51.584	ug/L	99
52) Ethylbenzene	9.03	91	716897	54.711	ug/L	98
53) m,p-Xylene	9.15	106	265135	54.686	ug/L	98
54) o-xylene	9.56	106	257234	54.491	ug/L	100
55) Styrene	9.58	104	472221	55.880	ug/L	100
56) Isopropylbenzene	9.95	105	673879	54.486	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	239313	51.500	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	216934	50.868	ug/L	99
61) Bromoform	9.75	173	126874	51.060	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	331279	52.392	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	340236	51.195	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	335365	51.661	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	57521	51.206	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	243960	53.003	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	218060	53.511	ug/L	100
69) Naphthalene	13.52	128	570294	55.036	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	230330	54.075	ug/L	99

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

