

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018245.D
 Acq On : 16 Sep 2020 18:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05073

Quant Time: Sep 17 04:40:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 04:38:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	306179	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166070	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94148	37.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.46%
7) Chloroethane-d5	1.58	69	77809	38.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.22%
11) 1,1-Dichloroethene-d2	2.12	63	186211	40.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.36%
21) 2-Butanone-d5	3.92	46	128264	83.98	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.98%
24) Chloroform-d	4.38	84	181244	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.74%
26) 1,2-Dichloroethane-d4	5.06	65	114073	41.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.20%
32) Benzene-d6	5.08	84	351766	40.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.14%
36) 1,2-Dichloropropane-d6	6.09	67	110786	40.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.44%
41) Toluene-d8	7.34	98	330844	41.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.74%
43) trans-1,3-Dichloropropene-	7.64	79	57221	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.76%
47) 2-Hexanone-d5	8.11	63	96386	92.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.37%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	153875	44.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	139929	41.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.06%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	103986	46.576	ug/L 99
3) Chloromethane	1.25	50	116657	47.852	ug/L 100
5) Vinyl chloride	1.32	62	117372	46.950	ug/L 98
6) Bromomethane	1.53	94	72617	47.524	ug/L 99
8) Chloroethane	1.60	64	75118	47.967	ug/L 100
9) Trichlorofluoromethane	1.77	101	165645	48.158	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	99324	48.073	ug/L 99
12) 1,1-Dichloroethene	2.13	96	96078	47.791	ug/L 99
13) Acetone	2.20	43	110402	90.273	ug/L 98
14) Carbon disulfide	2.31	76	281267	45.723	ug/L 100
15) Methyl Acetate	2.45	43	104248	47.432	ug/L 99
16) Methylene chloride	2.52	84	107414	47.641	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	97506	47.063	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	302778	47.243	ug/L 100
19) 1,1-Dichloroethane	3.21	63	186324	47.565	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	106219	47.960	ug/L 98
22) 2-Butanone	4.00	43	145765	100.654	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	55814	48.167	ug/L	97
25) Chloroform	4.40	83	188939	47.450	ug/L	99
27) 1,2-Dichloroethane	5.16	62	145469	47.191	ug/L	98
29) Cyclohexane	4.71	56	169361	48.428	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	168090	47.824	ug/L	100
31) Carbon tetrachloride	4.86	117	146016	47.246	ug/L	99
33) Benzene	5.13	78	412873	47.681	ug/L	100
34) Trichloroethene	5.94	95	105640	44.785	ug/L	99
35) Methylcyclohexane	6.15	83	171366	48.251	ug/L	100
37) 1,2-Dichloropropane	6.20	63	109538	47.738	ug/L	100
38) Bromodichloromethane	6.53	83	140260	46.973	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	168343	47.617	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	277567	99.713	ug/L	99
42) Toluene	7.41	91	445643	48.632	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	165637	48.119	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	101774	47.854	ug/L	98
46) Tetrachloroethene	8.00	164	88662	47.939	ug/L	99
48) 2-Hexanone	8.16	43	215535	98.212	ug/L	100
49) Dibromochloromethane	8.27	129	114477	47.954	ug/L	99
50) 1,2-Dibromoethane	8.37	107	108153	48.319	ug/L	100
51) Chlorobenzene	8.90	112	286063	48.069	ug/L	99
52) Ethylbenzene	9.03	91	492075	49.186	ug/L	100
53) m,p-Xylene	9.16	106	184094	49.300	ug/L	96
54) o-xylene	9.56	106	178084	49.502	ug/L	98
55) Styrene	9.58	104	319743	51.136	ug/L	100
56) Isopropylbenzene	9.95	105	483922	49.912	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	164346	52.240	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	130880	48.496	ug/L	99
61) Bromoform	9.75	173	86488	48.478	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	234897	47.567	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	242592	47.794	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	234962	47.073	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	35737	50.737	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	182452	46.866	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	168538	48.615	ug/L	99
69) Naphthalene	13.52	128	488074	55.640	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	171064	50.099	ug/L	99

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

