

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016989.D
 Acq On : 18 Jun 2020 19:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05097

Quant Time: Jun 19 04:39:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	353268	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	330109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175677	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86878	34.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.70%
7) Chloroethane-d5	1.58	69	64438	43.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.16%
11) 1,1-Dichloroethene-d2	2.12	63	187744	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.70%
21) 2-Butanone-d5	3.91	46	169210	91.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.71%
24) Chloroform-d	4.38	84	234480	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	5.06	65	160982	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
32) Benzene-d6	5.07	84	432045	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.09	67	133381	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.94%
41) Toluene-d8	7.34	98	403303	46.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.38%
43) trans-1,3-Dichloropropene-	7.64	79	69483	44.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.96%
47) 2-Hexanone-d5	8.11	63	113178	87.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178220	45.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	171346	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	134625	48.067	ug/L 99
3) Chloromethane	1.25	50	121149	47.300	ug/L 100
5) Vinyl chloride	1.32	62	118348	46.987	ug/L 99
6) Bromomethane	1.53	94	66893	63.767	ug/L 95
8) Chloroethane	1.60	64	61501	49.431	ug/L 98
9) Trichlorofluoromethane	1.76	101	190427	50.522	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	100448	53.481	ug/L 99
12) 1,1-Dichloroethene	2.13	96	92155	52.559	ug/L 92
13) Acetone	2.19	43	126561	104.114	ug/L 99
14) Carbon disulfide	2.31	76	288031	45.372	ug/L 99
15) Methyl Acetate	2.45	43	132766	49.002	ug/L 97
16) Methylene chloride	2.52	84	130708	50.802	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	118182	49.435	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	417630	52.722	ug/L 99
19) 1,1-Dichloroethane	3.21	63	227669	50.594	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	132705	50.918	ug/L 95
22) 2-Butanone	3.99	43	185150	98.770	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	71281	51.919	ug/L	96
25) Chloroform	4.40	83	244586	52.888	ug/L	96
27) 1,2-Dichloroethane	5.15	62	205114	52.909	ug/L	100
29) Cyclohexane	4.70	56	197463	48.137	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	225616	53.592	ug/L	99
31) Carbon tetrachloride	4.86	117	201479	55.322	ug/L	98
33) Benzene	5.13	78	490225	50.192	ug/L	100
34) Trichloroethene	5.94	95	138591	52.908	ug/L	97
35) Methylcyclohexane	6.15	83	198643	48.339	ug/L	99
37) 1,2-Dichloropropane	6.20	63	128590	50.626	ug/L	99
38) Bromodichloromethane	6.53	83	179913	53.210	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	208175	52.763	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	375896	104.439	ug/L	98
42) Toluene	7.41	91	530264	51.501	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	206453	53.823	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	129777	52.959	ug/L	96
46) Tetrachloroethene	8.00	164	108216	52.528	ug/L	98
48) 2-Hexanone	8.16	43	285634	102.352	ug/L	99
49) Dibromochloromethane	8.27	129	141521	54.013	ug/L	100
50) 1,2-Dibromoethane	8.37	107	135939	52.973	ug/L	100
51) Chlorobenzene	8.90	112	351772	52.366	ug/L	98
52) Ethylbenzene	9.03	91	602507	52.831	ug/L	98
53) m,p-Xylene	9.16	106	225416	53.086	ug/L	100
54) o-xylene	9.56	106	223365	53.336	ug/L	100
55) Styrene	9.58	104	387354	54.708	ug/L	99
56) Isopropylbenzene	9.95	105	606500	53.898	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	191743	51.034	ug/L	95
59) 1,2,3-Trichloropropane	10.29	75	162343	51.514	ug/L	100
61) Bromoform	9.75	173	96289	53.287	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	285152	51.247	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	286139	50.542	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	289208	51.865	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	42429	48.391	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	209765	50.555	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	189095	49.686	ug/L	99
69) Naphthalene	13.52	128	564223	51.539	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	189261	50.824	ug/L	100

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

