

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007335.D
 Acq On : 01 Sep 2018 05:46
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Sep 01 06:34:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:00:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	630856	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	611487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	288356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	186892	49.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.04%
7) Chloroethane-d5	1.58	69	123606	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.98%
11) 1,1-Dichloroethene-d2	2.13	63	347343	49.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.14%
21) 2-Butanone-d5	3.97	46	288173	93.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.47%
24) Chloroform-d	4.41	84	400137	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
26) 1,2-Dichloroethane-d4	5.09	65	240817	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
32) Benzene-d6	5.10	84	805099	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
36) 1,2-Dichloropropane-d6	6.12	67	262051	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.20%
41) Toluene-d8	7.36	98	752212	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%
43) trans-1,3-Dichloropropene-	7.67	79	108055	44.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.92%
47) 2-Hexanone-d5	8.15	63	184401	90.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	357687	48.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	278542	48.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.16%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	245524	49.53	ug/L	# 87
3) Chloromethane	1.26	50	258740	47.54	ug/L	100
5) Vinyl chloride	1.32	62	253651	49.61	ug/L	99
6) Bromomethane	1.54	94	135330	54.80	ug/L	100
8) Chloroethane	1.60	64	122451	52.64	ug/L	98
9) Trichlorofluoromethane	1.76	101	325525	50.11	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	201188	49.47	ug/L	99
12) 1,1-Dichloroethene	2.14	96	189497	49.92	ug/L	99
13) Acetone	2.21	43	177344	66.72	ug/L	99
14) Carbon disulfide	2.32	76	541339	47.41	ug/L	100
15) Methyl Acetate	2.47	43	214224	49.91	ug/L	98
16) Methylene chloride	2.54	84	220189	49.50	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	204986	49.71	ug/L	99
18) Methyl tert-butyl Ether	2.82	73	632518	50.09	ug/L	99
19) 1,1-Dichloroethane	3.23	63	418223	50.16	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	233292	49.15	ug/L	98
22) 2-Butanone	4.05	43	328291	88.68	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	122377	49.71	ug/L	94
25) Chloroform	4.44	83	417615	50.90	ug/L	98
27) 1,2-Dichloroethane	5.19	62	309221	50.66	ug/L	100
29) Cyclohexane	4.73	56	335210	50.75	ug/L	100
30) 1,1,1-Trichloroethane	4.67	97	350028	50.29	ug/L	99
31) Carbon tetrachloride	4.88	117	299342	49.83	ug/L	99
33) Benzene	5.15	78	950541	51.32	ug/L	100
34) Trichloroethene	5.96	95	222041	49.48	ug/L	97
35) Methylcyclohexane	6.18	83	356740	50.28	ug/L	100
37) 1,2-Dichloropropane	6.23	63	256468	51.29	ug/L	99
38) Bromodichloromethane	6.56	83	300893	49.09	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	319768	45.86	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	597332	104.77	ug/L	99
42) Toluene	7.44	91	965144	52.77	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	304810	47.06	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	232000	49.84	ug/L	99
46) Tetrachloroethene	8.02	164	183651	48.82	ug/L	98
48) 2-Hexanone	8.20	43	467328	101.25	ug/L	99
49) Dibromochloromethane	8.30	129	240618	49.24	ug/L	100
50) 1,2-Dibromoethane	8.40	107	233050	50.14	ug/L	99
51) Chlorobenzene	8.93	112	613138	49.90	ug/L	99
52) Ethylbenzene	9.06	91	983834	52.01	ug/L	100
53) m,p-Xylene	9.19	106	386571	54.13	ug/L	97
54) o-xylene	9.59	106	364646	52.60	ug/L	99
55) Styrene	9.61	104	672489	55.71	ug/L	99
56) Isopropylbenzene	9.98	105	938819	53.33	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	368811	49.11	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	298917	50.37	ug/L	99
61) Bromoform	9.78	173	172781	48.62	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	415492	48.88	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	462167	50.16	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	474588	51.12	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	71525	47.49	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	321092	48.83	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	250225	47.65	ug/L	98
69) Naphthalene	13.56	128	724198	49.45	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	289054	50.72	ug/L	100

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

