

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007305.D
 Acq On : 31 Aug 2018 17:04
 Operator : SY/MD
 Sample : J4665-09MS
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA4MS

Quant Time: Sep 01 00:03:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:57:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	617923	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	589593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	294805	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	195832	52.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.88%
7) Chloroethane-d5	1.58	69	108929	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.66%
11) 1,1-Dichloroethene-d2	2.13	63	338962	48.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.78%
21) 2-Butanone-d5	3.96	46	367844	121.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.81%
24) Chloroform-d	4.41	84	388303	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.09	65	230964	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
32) Benzene-d6	5.10	84	786572	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
36) 1,2-Dichloropropane-d6	6.12	67	256887	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.80%
41) Toluene-d8	7.36	98	719726	50.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.67	79	113224	48.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.64%
47) 2-Hexanone-d5	8.14	63	244625	124.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	373505	52.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	296547	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	241186	49.67	ug/L	# 86
3) Chloromethane	1.25	50	253139	47.49	ug/L	98
5) Vinyl chloride	1.32	62	2688005	536.71	ug/L	100
6) Bromomethane	1.54	94	123155	50.92	ug/L	99
8) Chloroethane	1.59	64	107732	47.28	ug/L	99
9) Trichlorofluoromethane	1.76	101	317715	49.94	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	199944	50.19	ug/L	99
12) 1,1-Dichloroethene	2.14	96	188310	50.64	ug/L	95
13) Acetone	2.21	43	210622	80.90	ug/L	99
14) Carbon disulfide	2.32	76	524993	46.95	ug/L	100
15) Methyl Acetate	2.47	43	230837	54.90	ug/L	100
16) Methylene chloride	2.54	84	209774	48.14	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	226304	56.03	ug/L	99
18) Methyl tert-butyl Ether	2.82	73	612797	49.55	ug/L	100
19) 1,1-Dichloroethane	3.23	63	450051	55.10	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	1205322	259.23	ug/L	99
22) 2-Butanone	4.05	43	400313	110.40	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	118932	49.32	ug/L	98
25) Chloroform	4.43	83	402692	50.11	ug/L	97
27) 1,2-Dichloroethane	5.19	62	302181	50.54	ug/L	98
29) Cyclohexane	4.73	56	342365	53.76	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	921634	137.34	ug/L	100
31) Carbon tetrachloride	4.88	117	292682	50.53	ug/L	100
33) Benzene	5.15	78	921392	51.59	ug/L	100
34) Trichloroethene	5.96	95	2507201	579.45	ug/L	99
35) Methylcyclohexane	6.18	83	382903	55.97	ug/L	99
37) 1,2-Dichloropropane	6.23	63	244575	50.73	ug/L	100
38) Bromodichloromethane	6.56	83	291319	49.29	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	336307	50.02	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	698155	127.00	ug/L	98
42) Toluene	7.44	91	927801	52.61	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	318088	50.94	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	231861	51.66	ug/L	99
46) Tetrachloroethene	8.02	164	266895	73.58	ug/L	99
48) 2-Hexanone	8.20	43	574693	129.13	ug/L	99
49) Dibromochloromethane	8.30	129	234995	49.88	ug/L	99
50) 1,2-Dibromoethane	8.40	107	226513	50.54	ug/L	99
51) Chlorobenzene	8.93	112	589959	49.80	ug/L	100
52) Ethylbenzene	9.06	91	942464	51.67	ug/L	99
53) m,p-Xylene	9.19	106	370517	53.81	ug/L	97
54) o-xylene	9.59	106	350709	52.46	ug/L	99
55) Styrene	9.61	104	647593	55.64	ug/L	99
56) Isopropylbenzene	9.98	105	911073	53.68	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	386911	53.44	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	311556	54.45	ug/L	100
61) Bromoform	9.78	173	175722	48.37	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	422314	48.59	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	463413	49.19	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	485824	51.19	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	82539	53.60	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	339182	50.46	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	270406	50.36	ug/L	100
69) Naphthalene	13.56	128	856588	57.21	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	310325	53.26	ug/L	100

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

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