

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112818\
 Data File : VV008736.D
 Acq On : 28 Nov 2018 14:39
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV67

Quant Time: Nov 29 03:13:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 29 03:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	202272	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186481	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88190	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49976	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.59	69	39670	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.14	63	97804	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	3.97	46	142460	45.10	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.20%
24) Chloroform-d	4.41	84	119512	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.09	65	58491	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.10	84	240331	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.12	67	72471	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.36	98	228879	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.67	79	26095	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	105990	46.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49685	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	78685	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	82819	4.766	ug/L 100
3) Chloromethane	1.25	50	62526	4.499	ug/L 96
5) Vinyl chloride	1.33	62	62586	4.529	ug/L 98
6) Bromomethane	1.54	94	39517	5.119	ug/L 99
8) Chloroethane	1.60	64	36149	5.343	ug/L 94
9) Trichlorofluoromethane	1.77	101	91700	4.777	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	53682	4.751	ug/L 99
12) 1,1-Dichloroethene	2.15	96	47611	4.715	ug/L 93
13) Acetone	2.23	43	75891	48.709	ug/L 99
14) Carbon disulfide	2.32	76	147091	4.763	ug/L 100
15) Methyl Acetate	2.48	43	18642	4.550	ug/L 100
16) Methylene chloride	2.54	84	47822	4.258	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	116164	4.856	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	51497	4.732	ug/L 98
19) 1,1-Dichloroethane	3.23	63	115586	4.725	ug/L 98
21) 2-Butanone	4.06	43	156911	49.109	ug/L 96
22) cis-1,2-Dichloroethene	3.97	96	71362	4.760	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	29751	4.820	ug/L	97
25) Chloroform	4.43	83	119375	4.593	ug/L	97
27) 1,2-Dichloroethane	5.19	62	71323	4.829	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	103342	4.727	ug/L	99
30) Cyclohexane	4.73	56	112432	4.833	ug/L	99
31) Carbon tetrachloride	4.88	117	88871	4.854	ug/L	99
33) Benzene	5.15	78	264900	4.713	ug/L	100
34) Trichloroethene	5.96	95	72138	4.659	ug/L	98
35) Methylcyclohexane	6.18	83	121002	4.906	ug/L	98
37) 1,2-Dichloropropane	6.23	63	66959	4.767	ug/L	100
38) Bromodichloromethane	6.56	83	76724	4.813	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	86754	4.634	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	369525	50.352	ug/L	99
42) Toluene	7.43	91	279849	4.813	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	73047	4.992	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	44356	4.738	ug/L	96
47) Tetrachloroethene	8.02	164	57484	4.925	ug/L	97
48) 2-Hexanone	8.19	43	266549	52.462	ug/L	99
49) Dibromochloromethane	8.29	129	48849	4.969	ug/L	95
50) 1,2-Dibromoethane	8.40	107	41363	4.910	ug/L	99
51) Chlorobenzene	8.93	112	181954	4.315	ug/L	99
52) Ethylbenzene	9.06	91	307655	4.855	ug/L	100
53) m,p-xylene	9.18	106	116302	4.891	ug/L	97
54) o-xylene	9.59	106	111059	4.854	ug/L	98
55) Styrene	9.60	104	190660	5.080	ug/L	100
56) Isopropylbenzene	9.98	105	300438	4.939	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	49419	4.950	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	38756	4.904	ug/L	100
61) Bromoform	9.78	173	23114	4.793	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	138324	4.883	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	140156	4.597	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	129564	4.571	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	7202	5.044	ug/L #	84
67) 1,3,5-Trichlorobenzene	12.69	180	102318	4.970	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	83417	5.508	ug/L	99
69) Naphthalene	13.56	128	133348	6.051	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	77741	5.663	ug/L	98

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

