

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082118\
 Data File : VV007105.D
 Acq On : 21 Aug 2018 17:01
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

Quant Time: Aug 22 03:46:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 22 03:46:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	304675	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	295165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	132464	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105152	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	84449	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.13	63	189883	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	3.97	46	274308	55.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.80%
24) Chloroform-d	4.41	84	213264	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.09	65	105519	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	428203	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.12	67	136102	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	391925	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	7.67	79	49588	5.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.40%
46) 2-Hexanone-d5	8.15	63	156756	55.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	100520	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	131696	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	126089	4.81	ug/L	99
3) Chloromethane	1.25	50	136856	4.79	ug/L	100
5) Vinyl chloride	1.32	62	128873	4.84	ug/L	96
6) Bromomethane	1.54	94	43375	4.96	ug/L	100
8) Chloroethane	1.60	64	78014	4.76	ug/L	100
9) Trichlorofluoromethane	1.77	101	172786	4.82	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	107572	4.80	ug/L	99
12) 1,1-Dichloroethene	2.14	96	98479	4.69	ug/L	92
13) Acetone	2.21	43	149820	52.65	ug/L	91
14) Carbon disulfide	2.32	76	296750	4.92	ug/L	98
15) Methyl Acetate	2.47	43	37978	5.14	ug/L	94
16) Methylene chloride	2.54	84	108204	4.40	ug/L	99
17) Methyl tert-butyl Ether	2.82	73	242542	4.84	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	109475	4.81	ug/L	99
19) 1,1-Dichloroethane	3.23	63	199972	4.66	ug/L	98
21) 2-Butanone	4.05	43	303242	51.76	ug/L	92
22) cis-1,2-Dichloroethene	3.97	96	124402	4.95	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	54272	4.73	ug/L	97
25) Chloroform	4.43	83	220520	4.81	ug/L	100
27) 1,2-Dichloroethane	5.19	62	130420	5.01	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	182711	4.77	ug/L	99
30) Cyclohexane	4.73	56	175385	5.10	ug/L	99
31) Carbon tetrachloride	4.88	117	155892	4.85	ug/L	98
33) Benzene	5.15	78	491188	5.04	ug/L	100
34) Trichloroethene	5.96	95	119777	5.11	ug/L	97
35) Methylcyclohexane	6.18	83	180365	5.14	ug/L	99
37) 1,2-Dichloropropane	6.23	63	128037	4.87	ug/L	100
38) Bromodichloromethane	6.56	83	149840	4.90	ug/L	96
39) cis-1,3-Dichloropropene	7.08	75	160892	5.18	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	680908	53.17	ug/L	100
42) Toluene	7.44	91	495379	5.31	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	135357	5.24	ug/L	94
45) 1,1,2-Trichloroethane	7.89	97	85190	4.83	ug/L	97
47) Tetrachloroethene	8.02	164	98754	5.04	ug/L	98
48) 2-Hexanone	8.20	43	520716	54.08	ug/L	98
49) Dibromochloromethane	8.30	129	97932	5.04	ug/L	96
50) 1,2-Dibromoethane	8.40	107	75117	5.08	ug/L	97
51) Chlorobenzene	8.93	112	309212	5.03	ug/L	99
52) Ethylbenzene	9.06	91	470942	5.13	ug/L	99
53) m,p-xylene	9.19	106	180640	5.19	ug/L	96
54) o-xylene	9.59	106	172124	5.19	ug/L	96
55) Styrene	9.61	104	300160	5.31	ug/L	99
56) Isopropylbenzene	9.98	105	453225	5.26	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	104981	5.04	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	75895	5.04	ug/L	98
61) Bromoform	9.78	173	52246	4.97	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	221273	5.22	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	230114	5.18	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	221107	5.18	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	11917	4.85	ug/L	87
67) 1,3,5-Trichlorobenzene	12.70	180	168976	5.31	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	122596	5.76	ug/L	97
69) Naphthalene	13.56	128	174860	6.19	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	121209	5.83	ug/L	99

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

