

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006905.D
 Acq On : 07 Aug 2018 18:35
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV70

Quant Time: Aug 08 07:00:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 06:58:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190575	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177013	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58267	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.58	69	53348	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.13	63	121603	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.60%
20) 2-Butanone-d5	3.97	46	190899	52.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.72%
24) Chloroform-d	4.41	84	123447	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.09	65	65739	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.10	84	232810	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.12	67	81554	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	200631	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	7.67	79	28551	5.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.20%
46) 2-Hexanone-d5	8.15	63	111174	52.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62710	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	65812	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	82758	5.36	ug/L	97
3) Chloromethane	1.25	50	98124	4.79	ug/L	99
5) Vinyl chloride	1.32	62	92516	5.16	ug/L	99
6) Bromomethane	1.53	94	22267	5.20	ug/L	98
8) Chloroethane	1.60	64	58224	5.16	ug/L	99
9) Trichlorofluoromethane	1.77	101	112450	5.15	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	68312	5.18	ug/L	98
12) 1,1-Dichloroethene	2.14	96	63880	5.07	ug/L	91
13) Acetone	2.21	43	118221	49.68	ug/L	97
14) Carbon disulfide	2.32	76	205166	5.30	ug/L	99
15) Methyl Acetate	2.47	43	33858	5.18	ug/L	99
16) Methylene chloride	2.54	84	77816	4.75	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	171461	5.24	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	70716	5.17	ug/L	94
19) 1,1-Dichloroethane	3.23	63	139019	5.26	ug/L	99
21) 2-Butanone	4.06	43	205160	52.39	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	72532	5.30	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	30021	5.33	ug/L	94
25) Chloroform	4.43	83	133456	5.20	ug/L	98
27) 1,2-Dichloroethane	5.19	62	85465	5.16	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	110750	5.28	ug/L	100
30) Cyclohexane	4.72	56	112210	5.36	ug/L	99
31) Carbon tetrachloride	4.88	117	93482	5.29	ug/L	100
33) Benzene	5.15	78	288519	5.28	ug/L	100
34) Trichloroethene	5.96	95	67926	5.35	ug/L	100
35) Methylcyclohexane	6.18	83	102690	5.21	ug/L	97
37) 1,2-Dichloropropane	6.23	63	79053	5.21	ug/L	99
38) Bromodichloromethane	6.56	83	90912	5.28	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	96219	5.55	ug/L	96
40) 4-Methyl-2-pentanone	7.29	43	452813	53.44	ug/L	99
42) Toluene	7.44	91	280528	5.48	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	80756	5.54	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	48664	5.11	ug/L	96
47) Tetrachloroethene	8.02	164	52931	5.48	ug/L	99
48) 2-Hexanone	8.20	43	328355	55.42	ug/L	100
49) Dibromochloromethane	8.30	129	53690	5.33	ug/L	96
50) 1,2-Dibromoethane	8.40	107	43561	5.47	ug/L	94
51) Chlorobenzene	8.93	112	168818	5.42	ug/L	99
52) Ethylbenzene	9.06	91	275295	5.45	ug/L	99
53) m,p-xylene	9.19	106	100178	5.51	ug/L	92
54) o-xylene	9.59	106	96501	5.42	ug/L	100
55) Styrene	9.61	104	162004	5.60	ug/L	100
56) Isopropylbenzene	9.98	105	255220	5.51	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	63561	5.15	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	45359	5.24	ug/L	97
61) Bromoform	9.78	173	28525	5.20	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	117213	5.51	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	119863	5.70	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	115772	5.46	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8704	4.71	ug/L #	86
67) 1,3,5-Trichlorobenzene	12.70	180	89398	5.59	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	66748	5.91	ug/L	94
69) Naphthalene	13.56	128	107383	6.08	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	67538	6.04	ug/L	97

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

