

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
 Data File : VU026774.D
 Acq On : 15 Sep 2018 13:12
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV45

Quant Time: Sep 17 05:18:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 05:13:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	129600	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	116001	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59375	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47628	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.68	69	39382	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.28	63	92872	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.20%
20) 2-Butanone-d5	4.22	46	110798	51.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.00%
24) Chloroform-d	4.65	84	81793	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.31	65	42768	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.34	84	163492	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.33	67	53396	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.57	98	153419	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.85	79	19203	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.32	63	78913	51.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41431	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	57000	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	73397	5.24	ug/L	99
3) Chloromethane	1.32	50	73364	5.29	ug/L	98
5) Vinyl chloride	1.40	62	73805	5.19	ug/L	100
6) Bromomethane	1.63	94	39535	5.59	ug/L	100
8) Chloroethane	1.70	64	44606	4.96	ug/L	97
9) Trichlorofluoromethane	1.89	101	91576	5.16	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	53865	5.26	ug/L	98
12) 1,1-Dichloroethene	2.29	96	49525	5.13	ug/L	94
13) Acetone	2.35	43	93530	48.42	ug/L	98
14) Carbon disulfide	2.48	76	177511	5.28	ug/L	99
15) Methyl Acetate	2.63	43	25562	5.04	ug/L	99
16) Methylene chloride	2.70	84	55594	4.73	ug/L	99
17) Methyl tert-butyl Ether	3.01	73	121012	5.19	ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	54663	5.15	ug/L	98
19) 1,1-Dichloroethane	3.45	63	101552	5.13	ug/L	97
21) 2-Butanone	4.30	43	167937	52.62	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	58656	5.12	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	25093	5.14	ug/L	91
25) Chloroform	4.67	83	99017	5.19	ug/L	99
27) 1,2-Dichloroethane	5.41	62	63842	5.20	ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	84614	5.07	ug/L	99
30) Cyclohexane	4.99	56	96852	5.15	ug/L	99
31) Carbon tetrachloride	5.13	117	75601	5.15	ug/L	99
33) Benzene	5.39	78	219580	5.06	ug/L	100
34) Trichloroethene	6.18	95	57148	5.16	ug/L	99
35) Methylcyclohexane	6.41	83	90870	5.05	ug/L	100
37) 1,2-Dichloropropane	6.44	63	59461	5.16	ug/L	99
38) Bromodichloromethane	6.76	83	70410	5.00	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	76730	4.96	ug/L	100
40) 4-Methyl-2-pentanone	7.48	43	354609	52.20	ug/L	100
42) Toluene	7.64	91	229464	5.22	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	63791	5.15	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	39304	5.07	ug/L	99
47) Tetrachloroethene	8.23	164	49473	5.13	ug/L	95
48) 2-Hexanone	8.38	43	263282	54.84	ug/L	100
49) Dibromochloromethane	8.48	129	49669	5.20	ug/L	97
50) 1,2-Dibromoethane	8.59	107	37541	5.18	ug/L	97
51) Chlorobenzene	9.12	112	147751	5.01	ug/L	99
52) Ethylbenzene	9.25	91	231136	5.26	ug/L	100
53) m,p-xylene	9.38	106	91955	5.46	ug/L	100
54) o-xylene	9.78	106	86080	5.34	ug/L	98
55) Styrene	9.79	104	159408	5.63	ug/L	99
56) Isopropylbenzene	10.17	105	225485	5.36	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	49754	5.13	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	34759	5.13	ug/L	98
61) Bromoform	9.96	173	28855	5.12	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	111727	5.22	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	121437	5.01	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	113895	5.09	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	7756	5.46	ug/L	90
67) 1,3,5-Trichlorobenzene	12.89	180	93576	5.24	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	76706	5.26	ug/L	97
69) Naphthalene	13.75	128	113677	5.42	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	78541	5.66	ug/L	99

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

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