

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
 Data File : VU029485.D
 Acq On : 15 Feb 2019 03:03
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00557

Quant Time: Feb 15 03:47:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 15 01:55:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	192571	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	189160	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105821	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54243	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.68	69	52135	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.28	63	133864	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.19	46	143976	53.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.04%
24) Chloroform-d	4.65	84	100675	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.31	65	52642	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.34	84	210853	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.33	67	62804	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.56	98	208338	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.85	79	24688	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.31	63	149121	53.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60830	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	96421	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	83778	4.968	ug/L 99
3) Chloromethane	1.32	50	60364	3.793	ug/L 100
5) Vinyl chloride	1.40	62	85779	4.625	ug/L 97
6) Bromomethane	1.63	94	17003	1.572	ug/L 99
8) Chloroethane	1.70	64	57423	4.755	ug/L 99
9) Trichlorofluoromethane	1.88	101	146758	5.170	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	86495	5.169	ug/L 99
12) 1,1-Dichloroethene	2.28	96	80773	5.097	ug/L 96
13) Acetone	2.32	43	123446	50.512	ug/L 99
14) Carbon disulfide	2.48	76	261268	5.003	ug/L 99
15) Methyl Acetate	2.62	43	33589	5.365	ug/L 97
16) Methylene chloride	2.70	84	87416	4.908	ug/L 99
17) Methyl tert-butyl Ether	3.00	73	209295	5.274	ug/L 98
18) trans-1,2-Dichloroethene	2.98	96	88267	5.223	ug/L 95
19) 1,1-Dichloroethane	3.44	63	148213	5.822	ug/L 98
21) 2-Butanone	4.28	43	156117	51.697	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	77814	5.006	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	35815	5.104	ug/L	96
25) Chloroform	4.67	83	128900	5.060	ug/L	97
27) 1,2-Dichloroethane	5.40	62	74915	5.083	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	110736	4.733	ug/L	98
30) Cyclohexane	4.99	56	104933	4.680	ug/L	99
31) Carbon tetrachloride	5.13	117	98990	4.683	ug/L	99
33) Benzene	5.39	78	272372	4.892	ug/L	100
34) Trichloroethene	6.18	95	73307	4.683	ug/L	97
35) Methylcyclohexane	6.41	83	122240	4.642	ug/L	99
37) 1,2-Dichloropropane	6.43	63	68908	4.941	ug/L	99
38) Bromodichloromethane	6.76	83	85589	4.644	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	95932	4.371	ug/L	96
40) 4-Methyl-2-pentanone	7.46	43	405224	50.408	ug/L	99
42) Toluene	7.63	91	307581	4.922	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	78855	4.375	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	53160	4.976	ug/L	95
47) Tetrachloroethene	8.22	164	70226	4.897	ug/L	98
48) 2-Hexanone	8.36	43	292765	49.969	ug/L	99
49) Dibromochloromethane	8.48	129	68502	4.758	ug/L	99
50) 1,2-Dibromoethane	8.58	107	52911	5.005	ug/L	97
51) Chlorobenzene	9.12	112	211874	4.930	ug/L	100
52) Ethylbenzene	9.25	91	351255	4.964	ug/L	99
53) m,p-xylene	9.37	106	139208	4.933	ug/L	100
54) o-xylene	9.77	106	140379	5.068	ug/L	99
55) Styrene	9.79	104	231533	5.035	ug/L	98
56) Isopropylbenzene	10.16	105	371496	5.085	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	67581	5.184	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	46292	5.175	ug/L	98
61) Bromoform	9.95	173	41042	4.582	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	183568	4.897	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	183578	4.904	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	178443	5.052	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	10528	4.764	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	148108	4.761	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	125135	4.776	ug/L	97
69) Naphthalene	13.74	128	217060	4.798	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	117941	4.708	ug/L	98

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

