

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021219\
 Data File : VU029436.D
 Acq On : 12 Feb 2019 21:41
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00552

Quant Time: Feb 13 03:31:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 13 03:26:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	196923	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	192135	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105549	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61266	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.68	69	56306	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.27	63	142017	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.80%
20) 2-Butanone-d5	4.19	46	141698	51.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.02%
24) Chloroform-d	4.65	84	99297	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.31	65	54229	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.34	84	223272	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.33	67	65798	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.56	98	223875	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	29175	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.31	63	143321	51.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58179	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	96526	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	82191	4.766	ug/L 97
3) Chloromethane	1.32	50	71772	4.410	ug/L 98
5) Vinyl chloride	1.40	62	91263	4.812	ug/L 98
6) Bromomethane	1.63	94	38746	3.502	ug/L 99
8) Chloroethane	1.70	64	61029	4.942	ug/L 99
9) Trichlorofluoromethane	1.88	101	144280	4.970	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	84332	4.928	ug/L 97
12) 1,1-Dichloroethene	2.28	96	81478	5.028	ug/L 97
13) Acetone	2.32	43	123962	49.602	ug/L 100
14) Carbon disulfide	2.48	76	267279	5.005	ug/L 100
15) Methyl Acetate	2.62	43	33211	5.188	ug/L 97
16) Methylene chloride	2.70	84	87816	4.822	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	207083	5.103	ug/L 98
18) trans-1,2-Dichloroethene	2.98	96	89100	5.156	ug/L 98
19) 1,1-Dichloroethane	3.44	63	118239	4.542	ug/L 98
21) 2-Butanone	4.28	43	159208	51.556	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	80425	5.059	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	36086	5.029	ug/L	97
25) Chloroform	4.67	83	138253	5.308	ug/L	96
27) 1,2-Dichloroethane	5.40	62	79870	5.299	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	112779	4.746	ug/L	99
30) Cyclohexane	4.99	56	105913	4.651	ug/L	98
31) Carbon tetrachloride	5.13	117	101494	4.727	ug/L	98
33) Benzene	5.39	78	270984	4.792	ug/L	100
34) Trichloroethene	6.18	95	75958	4.777	ug/L	97
35) Methylcyclohexane	6.41	83	122626	4.584	ug/L	99
37) 1,2-Dichloropropane	6.43	63	68482	4.835	ug/L	98
38) Bromodichloromethane	6.76	83	89471	4.780	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	103123	4.626	ug/L	96
40) 4-Methyl-2-pentanone	7.46	43	398506	48.805	ug/L	99
42) Toluene	7.63	91	309390	4.874	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	86050	4.700	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	52652	4.852	ug/L	96
47) Tetrachloroethene	8.22	164	71373	4.900	ug/L	95
48) 2-Hexanone	8.36	43	286703	48.177	ug/L	100
49) Dibromochloromethane	8.48	129	70825	4.843	ug/L	100
50) 1,2-Dibromoethane	8.58	107	53117	4.946	ug/L	97
51) Chlorobenzene	9.12	112	215261	4.931	ug/L	99
52) Ethylbenzene	9.25	91	347890	4.840	ug/L	98
53) m,p-xylene	9.37	106	137802	4.808	ug/L	97
54) o-xylene	9.78	106	135793	4.827	ug/L	99
55) Styrene	9.79	104	229525	4.914	ug/L	98
56) Isopropylbenzene	10.16	105	360632	4.860	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	66674	5.035	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	44514	4.899	ug/L	96
61) Bromoform	9.95	173	42997	4.812	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	181515	4.854	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	186345	4.990	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	176791	5.018	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	10927	4.958	ug/L	93
67) 1,3,5-Trichlorobenzene	12.88	180	148845	4.798	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	127947	4.896	ug/L	99
69) Naphthalene	13.74	128	215124	4.767	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	117873	4.718	ug/L	97

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

