

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036763.D
 Acq On : 12 Feb 2020 20:31
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00515

Quant Time: Feb 13 01:07:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 13 00:59:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	132034	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	122823	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	57726	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48609	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.93	69	43927	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.59	63	87047	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.80%
20) 2-Butanone-d5	4.67	46	127338	53.48	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.96%
24) Chloroform-d	5.11	84	85837	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.74	65	47912	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.76	84	178425	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.73	67	57533	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.92	98	169418	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.20	79	21990	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.66	63	110789	52.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	44561	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	55201	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	41178	4.722	ug/L 99
3) Chloromethane	1.54	50	41930	4.620	ug/L 98
5) Vinyl chloride	1.62	62	48335	4.559	ug/L 97
6) Bromomethane	1.87	94	25009	3.926	ug/L 99
8) Chloroethane	1.95	64	31951	4.314	ug/L 97
9) Trichlorofluoromethane	2.16	101	65257	4.679	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	40128	4.505	ug/L 99
12) 1,1-Dichloroethene	2.60	96	37289	4.643	ug/L 95
13) Acetone	2.66	43	109451	35.946	ug/L 99
14) Carbon disulfide	2.82	76	83713	4.319	ug/L 98
15) Methyl Acetate	2.98	43	19936	4.934	ug/L 99
16) Methylene chloride	3.08	84	64155	4.739	ug/L 99
17) Methyl tert-butyl Ether	3.41	73	116259	4.887	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	40020	4.829	ug/L 97
19) 1,1-Dichloroethane	3.91	63	83947	4.830	ug/L 99
21) 2-Butanone	4.75	43	155765	43.977	ug/L 98
22) cis-1,2-Dichloroethene	4.71	96	47510	4.737	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	19380	4.861	ug/L	93
25) Chloroform	5.13	83	84937	4.576	ug/L	99
27) 1,2-Dichloroethane	5.83	62	56478	4.774	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	65188	4.833	ug/L	98
30) Cyclohexane	5.43	56	68577	4.786	ug/L	99
31) Carbon tetrachloride	5.56	117	52250	4.801	ug/L	100
33) Benzene	5.81	78	180453	4.763	ug/L	100
34) Trichloroethene	6.57	95	46094	4.777	ug/L	98
35) Methylcyclohexane	6.79	83	72133	4.711	ug/L	98
37) 1,2-Dichloropropane	6.83	63	50464	4.878	ug/L	99
38) Bromodichloromethane	7.14	83	58604	4.747	ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	72290	4.830	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	336076	50.348	ug/L	99
42) Toluene	8.00	91	197212	4.847	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	58046	4.962	ug/L	96
45) 1,1,2-Trichloroethane	8.43	97	35068	4.873	ug/L	99
47) Tetrachloroethene	8.58	164	31410	4.785	ug/L	99
48) 2-Hexanone	8.71	43	260751	45.647	ug/L	99
49) Dibromochloromethane	8.83	129	36273	4.874	ug/L	96
50) 1,2-Dibromoethane	8.95	107	31853	4.901	ug/L	96
51) Chlorobenzene	9.47	112	121560	4.829	ug/L	98
52) Ethylbenzene	9.59	91	220478	4.852	ug/L	99
53) m,p-Xylene	9.72	106	81640	4.882	ug/L	96
54) o-Xylene	10.12	106	80590	4.907	ug/L	97
55) Styrene	10.13	104	134747	4.867	ug/L	100
56) Isopropylbenzene	10.50	105	216065	4.916	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	45590	4.840	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	32549	4.766	ug/L	99
61) Bromoform	10.31	173	18728	4.709	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	93800	4.716	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	95037	4.820	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	91319	4.763	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	7373	5.153	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	71778	5.126	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	62712	5.939	ug/L	99
69) Naphthalene	14.12	128	340237	17.786	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	56345	5.946	ug/L	99

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

