

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036738.D
 Acq On : 11 Feb 2020 22:29
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Quant Time: Feb 12 08:17:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 12 08:13:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	117346	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	112269	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51230	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	51847	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.93	69	46876	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.59	63	85917	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.69	46	118077	55.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.58%
24) Chloroform-d	5.11	84	78194	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.75	65	45888	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.77	84	176178	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.73	67	55051	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.93	98	161896	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	8.21	79	20407	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.67	63	101531	52.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.60%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43789	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	51523	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	39432	5.088 ug/L	100
3) Chloromethane	1.54	50	39991	4.958 ug/L	98
5) Vinyl chloride	1.62	62	48512	5.149 ug/L	98
6) Bromomethane	1.87	94	28514	5.037 ug/L	99
8) Chloroethane	1.95	64	32948	5.006 ug/L	98
9) Trichlorofluoromethane	2.16	101	62465	5.039 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	39056	4.934 ug/L	99
12) 1,1-Dichloroethene	2.61	96	35505	4.974 ug/L	99
13) Acetone	2.68	43	100304	37.065 ug/L	98
14) Carbon disulfide	2.82	76	83508	4.848 ug/L	100
15) Methyl Acetate	2.99	43	19707	5.488 ug/L	98
16) Methylene chloride	3.08	84	51890	4.313 ug/L	98
17) Methyl tert-butyl Ether	3.41	73	107839	5.101 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	37833	5.136 ug/L	97
19) 1,1-Dichloroethane	3.92	63	79361	5.138 ug/L	99
21) 2-Butanone	4.77	43	137708	43.745 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	45794	5.137 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	18266	5.155	ug/L	96
25) Chloroform	5.13	83	82999	5.031	ug/L	100
27) 1,2-Dichloroethane	5.84	62	53706	5.107	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	61295	4.971	ug/L	99
30) Cyclohexane	5.43	56	65067	4.968	ug/L	98
31) Carbon tetrachloride	5.57	117	49051	4.931	ug/L	99
33) Benzene	5.82	78	173830	5.020	ug/L	100
34) Trichloroethene	6.58	95	43286	4.908	ug/L	97
35) Methylcyclohexane	6.80	83	67594	4.830	ug/L	97
37) 1,2-Dichloropropane	6.83	63	47601	5.034	ug/L	99
38) Bromodichloromethane	7.14	83	54487	4.829	ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	67445	4.930	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	308363	50.539	ug/L	100
42) Toluene	8.00	91	183860	4.944	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	54115	5.061	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	32513	4.942	ug/L	99
47) Tetrachloroethene	8.58	164	28905	4.818	ug/L	97
48) 2-Hexanone	8.72	43	234904	44.988	ug/L	99
49) Dibromochloromethane	8.84	129	34294	5.041	ug/L	92
50) 1,2-Dibromoethane	8.95	107	29572	4.977	ug/L	95
51) Chlorobenzene	9.47	112	114982	4.998	ug/L	99
52) Ethylbenzene	9.60	91	204880	4.932	ug/L	100
53) m,p-Xylene	9.72	106	75939	4.968	ug/L	96
54) o-Xylene	10.12	106	75461	5.027	ug/L	96
55) Styrene	10.14	104	126803	5.011	ug/L	97
56) Isopropylbenzene	10.51	105	197873	4.925	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	43438	5.045	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	30322	4.857	ug/L	97
61) Bromoform	10.32	173	17482	4.953	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	87010	4.930	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	84323	4.819	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	83242	4.892	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	6378	5.023	ug/L #	81
67) 1,3,5-Trichlorobenzene	13.23	180	61022	4.911	ug/L	99
68) 1,2,4-trichlorobenzene	13.85	180	49403	5.272	ug/L	97
69) Naphthalene	14.10	128	90180	5.312	ug/L	99
70) 1,2,3-Trichlorobenzene	14.34	180	45571	5.419	ug/L	96

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

