

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039360.D
 Acq On : 08 Jul 2020 20:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: Jul 09 02:35:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 02:29:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	104065	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	96682	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46252	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26667	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.92	69	29553	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.58	63	52757	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.00%
20) 2-Butanone-d5	4.66	46	167718	60.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.54%
24) Chloroform-d	5.09	84	64972	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	43130	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.75	84	113254	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.70	67	42304	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.91	98	90395	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	17360	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.64	63	127723	59.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.26%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44262	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	40053	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	32586	5.166	ug/L 97
3) Chloromethane	1.53	50	34623	4.531	ug/L 97
5) Vinyl chloride	1.61	62	42554	5.015	ug/L 99
6) Bromomethane	1.87	94	14558	3.984	ug/L 97
8) Chloroethane	1.94	64	27506	4.487	ug/L 97
9) Trichlorofluoromethane	2.15	101	70644	4.795	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	30565	5.055	ug/L 97
12) 1,1-Dichloroethene	2.59	96	30168	4.874	ug/L 90
13) Acetone	2.66	43	73644	49.438	ug/L 99
14) Carbon disulfide	2.81	76	102091	4.683	ug/L 99
15) Methyl Acetate	2.97	43	19713	5.010	ug/L 94
16) Methylene chloride	3.06	84	36303	4.663	ug/L 94
17) Methyl tert-butyl Ether	3.38	73	97683	5.009	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	33802	4.933	ug/L 99
19) 1,1-Dichloroethane	3.89	63	67615	5.044	ug/L 98
21) 2-Butanone	4.73	43	129216	48.600	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	38210	4.974	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	17299	4.956	ug/L	97
25) Chloroform	5.11	83	70010	5.171	ug/L	100
27) 1,2-Dichloroethane	5.81	62	48836	4.987	ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	58155	5.107	ug/L	98
30) Cyclohexane	5.41	56	57472	4.794	ug/L	99
31) Carbon tetrachloride	5.54	117	46865	4.824	ug/L	99
33) Benzene	5.79	78	146581	5.071	ug/L	100
34) Trichloroethene	6.56	95	37928	5.075	ug/L	98
35) Methylcyclohexane	6.78	83	56709	4.737	ug/L	99
37) 1,2-Dichloropropane	6.81	63	40409	5.128	ug/L	100
38) Bromodichloromethane	7.12	83	51020	5.070	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	58863	4.942	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	324684	49.394	ug/L	99
42) Toluene	7.98	91	152745	4.935	ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	52679	4.985	ug/L	93
45) 1,1,2-Trichloroethane	8.41	97	28796	5.088	ug/L	95
47) Tetrachloroethene	8.56	164	25830	4.969	ug/L	96
48) 2-Hexanone	8.69	43	238608	49.230	ug/L	99
49) Dibromochloromethane	8.82	129	33673	4.912	ug/L	96
50) 1,2-Dibromoethane	8.93	107	28692	4.990	ug/L	95
51) Chlorobenzene	9.45	112	92493	4.890	ug/L	97
52) Ethylbenzene	9.57	91	168691	4.931	ug/L	99
53) m,p-Xylene	9.70	106	60841	4.720	ug/L	97
54) o-Xylene	10.10	106	58872	4.692	ug/L	97
55) Styrene	10.11	104	102250	4.683	ug/L	100
56) Isopropylbenzene	10.48	105	157490	4.641	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	38564	4.895	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	27935	4.810	ug/L	99
61) Bromoform	10.29	173	19374	4.970	ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	71267	4.917	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	68328	4.699	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	71220	4.902	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	6466	5.038	ug/L #	80
67) 1,3,5-Trichlorobenzene	13.21	180	53459	4.929	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	47911	5.162	ug/L	95
69) Naphthalene	14.08	128	93206	4.991	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	44619	5.188	ug/L	98

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

