

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090420\
 Data File : VU040038.D
 Acq On : 04 Sep 2020 10:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Quant Time: Sep 05 02:56:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 04 15:15:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124634	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119745	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61273	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29797	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.92	69	26019	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.58	63	79960	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	4.64	46	134207	49.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.62%
24) Chloroform-d	5.08	84	77106	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.72	65	45647	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.74	84	134259	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	45438	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	124907	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	8.19	79	19869	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.64	63	102815	51.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41074	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	48681	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	62955	5.090 ug/L	99
3) Chloromethane	1.53	50	60722	5.128 ug/L	97
5) Vinyl chloride	1.61	62	58877	4.904 ug/L	98
6) Bromomethane	1.86	94	31871	5.194 ug/L	91
8) Chloroethane	1.94	64	36549	5.066 ug/L	99
9) Trichlorofluoromethane	2.15	101	90117	5.240 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	55554	4.984 ug/L	98
12) 1,1-Dichloroethene	2.59	96	50091	5.193 ug/L	92
13) Acetone	2.64	43	121748	48.320 ug/L	96
14) Carbon disulfide	2.81	76	149735	4.842 ug/L	100
15) Methyl Acetate	2.96	43	29340	4.640 ug/L	98
16) Methylene chloride	3.06	84	57848	4.580 ug/L	94
17) Methyl tert-butyl Ether	3.38	73	144606	4.974 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	52965	5.105 ug/L	96
19) 1,1-Dichloroethane	3.89	63	109466	5.126 ug/L	99
21) 2-Butanone	4.72	43	203063	49.364 ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	57322	5.138 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	26114	5.342	ug/L	96
25) Chloroform	5.11	83	110784	5.065	ug/L	98
27) 1,2-Dichloroethane	5.81	62	82830	5.169	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	97072	5.163	ug/L	99
30) Cyclohexane	5.40	56	92418	5.069	ug/L	98
31) Carbon tetrachloride	5.54	117	81137	5.043	ug/L	100
33) Benzene	5.79	78	221342	5.167	ug/L	100
34) Trichloroethene	6.55	95	59887	5.212	ug/L	97
35) Methylcyclohexane	6.77	83	89417	5.082	ug/L	97
37) 1,2-Dichloropropane	6.80	63	60754	5.238	ug/L	100
38) Bromodichloromethane	7.11	83	81302	5.134	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	89048	5.205	ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	491528	51.646	ug/L	100
42) Toluene	7.98	91	233082	5.283	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	83702	5.280	ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	45040	5.330	ug/L	98
47) Tetrachloroethene	8.56	164	41086	5.443	ug/L	99
48) 2-Hexanone	8.69	43	364141	52.453	ug/L	99
49) Dibromochloromethane	8.81	129	54255	5.349	ug/L	98
50) 1,2-Dibromoethane	8.93	107	43012	5.279	ug/L	94
51) Chlorobenzene	9.45	112	147976	5.403	ug/L	98
52) Ethylbenzene	9.57	91	266425	5.315	ug/L	98
53) m,p-Xylene	9.69	106	98892	5.541	ug/L	98
54) o-Xylene	10.10	106	93003	5.469	ug/L	99
55) Styrene	10.11	104	170144	5.753	ug/L	95
56) Isopropylbenzene	10.48	105	264765	5.709	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	60290	5.564	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	47106	5.481	ug/L	97
61) Bromoform	10.29	173	28520	5.075	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	123637	5.521	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	124817	5.508	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	115898	5.348	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	12451	5.372	ug/L	90
67) 1,3,5-Trichlorobenzene	13.21	180	86854	5.516	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	77103	5.685	ug/L	99
69) Naphthalene	14.08	128	168407	5.957	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	71667	5.752	ug/L	98

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

