

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037437.D
 Acq On : 28 Mar 2020 23:32
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Quant Time: Mar 30 00:26:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 00:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	111963	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	108148	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	54143	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39458	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.93	69	33324	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.59	63	80902	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.20%
20) 2-Butanone-d5	4.67	46	96639	42.90	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.80%
24) Chloroform-d	5.10	84	73523	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.74	65	43295	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.76	84	149909	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.72	67	49723	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.92	98	142448	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.20	79	21842	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.66	63	92483	47.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	39920	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	51704	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	45427	4.835 ug/L	99
3) Chloromethane	1.54	50	41851	5.026 ug/L	97
5) Vinyl chloride	1.62	62	44779	5.109 ug/L	100
6) Bromomethane	1.87	94	25393	5.141 ug/L	98
8) Chloroethane	1.95	64	24245	4.959 ug/L	93
9) Trichlorofluoromethane	2.16	101	58505	4.986 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	35365	4.946 ug/L	96
12) 1,1-Dichloroethene	2.60	96	35798	4.861 ug/L	98
13) Acetone	2.65	43	60373	46.643 ug/L	100
14) Carbon disulfide	2.82	76	123197	4.890 ug/L	99
15) Methyl Acetate	2.98	43	17513	4.843 ug/L	98
16) Methylene chloride	3.08	84	39222	4.766 ug/L	93
17) Methyl tert-butyl Ether	3.40	73	103285	5.154 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	38229	4.964 ug/L	96
19) 1,1-Dichloroethane	3.91	63	70985	4.932 ug/L	97
21) 2-Butanone	4.75	43	108914	49.496 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	42691	4.947 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	17923	4.702	ug/L	94
25) Chloroform	5.13	83	80028	5.286	ug/L	99
27) 1,2-Dichloroethane	5.83	62	50314	4.975	ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	68037	5.005	ug/L	99
30) Cyclohexane	5.43	56	69945	5.021	ug/L	100
31) Carbon tetrachloride	5.56	117	59031	5.030	ug/L	97
33) Benzene	5.81	78	158123	4.937	ug/L	100
34) Trichloroethene	6.57	95	41442	4.543	ug/L	98
35) Methylcyclohexane	6.79	83	67432	4.671	ug/L	99
37) 1,2-Dichloropropane	6.82	63	42280	5.107	ug/L #	96
38) Bromodichloromethane	7.13	83	55640	4.914	ug/L	94
39) cis-1,3-Dichloropropene	7.64	75	65595	4.858	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	274758	49.846	ug/L	100
42) Toluene	8.00	91	170717	4.946	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	56389	4.672	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	30927	4.995	ug/L	98
47) Tetrachloroethene	8.58	164	30698	4.886	ug/L	96
48) 2-Hexanone	8.71	43	198636	49.995	ug/L	99
49) Dibromochloromethane	8.83	129	37467	4.903	ug/L	97
50) 1,2-Dibromoethane	8.95	107	29816	4.961	ug/L	98
51) Chlorobenzene	9.47	112	106265	4.457	ug/L	100
52) Ethylbenzene	9.59	91	195540	4.937	ug/L	99
53) m,p-Xylene	9.71	106	73835	4.933	ug/L	100
54) o-Xylene	10.12	106	71846	4.919	ug/L	99
55) Styrene	10.13	104	121093	4.852	ug/L	99
56) Isopropylbenzene	10.50	105	190881	4.905	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	39045	4.940	ug/L	94
59) 1,2,3-Trichloropropane	10.84	75	27948	4.853	ug/L	96
61) Bromoform	10.31	173	22461	4.991	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	83900	4.819	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	86453	4.651	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	80310	4.778	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	8067	5.455	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	62817	4.653	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	58637	4.505	ug/L	98
69) Naphthalene	14.11	128	123176	4.875	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	52967	4.525	ug/L	99

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

