

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082620\
 Data File : VU039984.D
 Acq On : 26 Aug 2020 15:47
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Aug 27 00:53:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 27 00:51:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	72067	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68455	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36696	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27546	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.92	69	23617	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.58	63	59951	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	4.65	46	93708	46.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.16%
24) Chloroform-d	5.08	84	63308	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.72	65	35796	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.74	84	111982	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.70	67	36580	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.90	98	100785	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
43) trans-1,3-Dichloropropene-	8.18	79	15526	5.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.00%
46) 2-Hexanone-d5	8.64	63	69952	48.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28558	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	38480	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	41042	5.479 ug/L	100
3) Chloromethane	1.53	50	37599	4.437 ug/L	98
5) Vinyl chloride	1.61	62	38866	4.847 ug/L	97
6) Bromomethane	1.86	94	18596	4.062 ug/L	96
8) Chloroethane	1.94	64	23930	4.667 ug/L	98
9) Trichlorofluoromethane	2.15	101	60500	5.045 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	35003	5.305 ug/L	95
12) 1,1-Dichloroethene	2.59	96	31121	4.937 ug/L	97
13) Acetone	2.66	43	65108	47.364 ug/L #	41
14) Carbon disulfide	2.81	76	97571	4.790 ug/L	99
15) Methyl Acetate	2.97	43	17063	4.836 ug/L	97
16) Methylene chloride	3.06	84	43467	5.015 ug/L	93
17) Methyl tert-butyl Ether	3.38	73	84372	5.308 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	32617	4.983 ug/L	91
19) 1,1-Dichloroethane	3.89	63	67086	5.528 ug/L	98
21) 2-Butanone	4.73	43	109954	46.035 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	35998	5.253 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	17316	5.372	ug/L	95
25) Chloroform	5.11	83	70377	5.721	ug/L	100
27) 1,2-Dichloroethane	5.81	62	48160	5.579	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	60623	6.020	ug/L	98
30) Cyclohexane	5.40	56	55329	5.550	ug/L	98
31) Carbon tetrachloride	5.54	117	53345	6.000	ug/L	99
33) Benzene	5.79	78	136545	5.489	ug/L	100
34) Trichloroethene	6.55	95	36172	5.603	ug/L	95
35) Methylcyclohexane	6.77	83	52581	5.316	ug/L	96
37) 1,2-Dichloropropane	6.80	63	37550	5.680	ug/L	99
38) Bromodichloromethane	7.11	83	49769	5.924	ug/L	100
39) cis-1,3-Dichloropropene	7.61	75	51777	5.604	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	264050	50.434	ug/L	98
42) Toluene	7.97	91	140811	5.535	ug/L	96
44) trans-1,3-Dichloropropene	8.21	75	46935	5.406	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	26173	5.210	ug/L	97
47) Tetrachloroethene	8.56	164	27966	5.872	ug/L	91
48) 2-Hexanone	8.69	43	189632	50.543	ug/L	97
49) Dibromochloromethane	8.82	129	32926	5.490	ug/L	99
50) 1,2-Dibromoethane	8.93	107	24645	5.152	ug/L	94
51) Chlorobenzene	9.45	112	88463	5.325	ug/L	95
52) Ethylbenzene	9.57	91	153182	5.535	ug/L	100
53) m,p-Xylene	9.69	106	58077	5.467	ug/L	94
54) o-Xylene	10.10	106	55889	5.566	ug/L	88
55) Styrene	10.11	104	96015	5.516	ug/L	98
56) Isopropylbenzene	10.48	105	149279	5.546	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	31753	4.895	ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	24207	5.110	ug/L	95
61) Bromoform	10.29	173	18552	5.740	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	71628	5.272	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	72435	5.236	ug/L	96
65) 1,2-Dichlorobenzene	12.21	146	68270	5.207	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	6055	5.647	ug/L	98
67) 1,3,5-Trichlorobenzene	13.21	180	56481	5.598	ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	47087	5.470	ug/L	98
69) Naphthalene	14.08	128	76811	4.831	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	43051	5.352	ug/L	98

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

