

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061720\
 Data File : VU038960.D
 Acq On : 17 Jun 2020 22:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Jun 18 04:17:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 04:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	295071	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	294341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	150465	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86799	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.93	69	85998	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.60	63	180172	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.80%
20) 2-Butanone-d5	4.68	46	313938	47.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.78%
24) Chloroform-d	5.10	84	182778	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.74	65	110924	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.76	84	411699	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.72	67	107263	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.92	98	304063	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.20	79	48537	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.65	63	279881	48.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103619	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	121859	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	126169	4.533 ug/L	98
3) Chloromethane	1.53	50	117795	4.256 ug/L	98
5) Vinyl chloride	1.62	62	125272	4.521 ug/L	97
6) Bromomethane	1.88	94	42628	2.707 ug/L	92
8) Chloroethane	1.95	64	90741	5.158 ug/L	98
9) Trichlorofluoromethane	2.16	101	195252	4.637 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	95150	4.394 ug/L	100
12) 1,1-Dichloroethene	2.61	96	95001	4.578 ug/L	95
13) Acetone	2.69	43	211427	47.323 ug/L	98
14) Carbon disulfide	2.82	76	314519	4.492 ug/L	100
15) Methyl Acetate	2.99	43	51065	4.674 ug/L	94
16) Methylene chloride	3.08	84	112879	4.730 ug/L	95
17) Methyl tert-butyl Ether	3.40	73	261205	4.789 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	102918	4.726 ug/L	95
19) 1,1-Dichloroethane	3.91	63	192332	4.865 ug/L	97
21) 2-Butanone	4.76	43	351621	49.752 ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	110959	4.962 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	50931	4.808	ug/L	94
25) Chloroform	5.13	83	194508	4.831	ug/L	98
27) 1,2-Dichloroethane	5.83	62	141038	4.812	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	172678	4.729	ug/L	98
30) Cyclohexane	5.42	56	147851	4.267	ug/L	100
31) Carbon tetrachloride	5.56	117	141083	4.383	ug/L	99
33) Benzene	5.81	78	416339	4.735	ug/L	100
34) Trichloroethene	6.57	95	116099	5.204	ug/L	95
35) Methylcyclohexane	6.79	83	152283	4.306	ug/L	98
37) 1,2-Dichloropropane	6.82	63	110195	4.799	ug/L	99
38) Bromodichloromethane	7.13	83	142176	4.762	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	159146	4.717	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	799845	50.554	ug/L	99
42) Toluene	7.99	91	441010	4.843	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	146660	4.729	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	85351	5.008	ug/L	99
47) Tetrachloroethene	8.57	164	77734	4.497	ug/L	98
48) 2-Hexanone	8.71	43	622548	51.940	ug/L	100
49) Dibromochloromethane	8.83	129	98535	4.826	ug/L	97
50) 1,2-Dibromoethane	8.94	107	81106	4.759	ug/L	97
51) Chlorobenzene	9.47	112	274606	4.639	ug/L	98
52) Ethylbenzene	9.59	91	457158	4.640	ug/L	100
53) m,p-Xylene	9.71	106	177353	4.666	ug/L	99
54) o-Xylene	10.12	106	169826	4.663	ug/L	99
55) Styrene	10.13	104	306556	4.885	ug/L	99
56) Isopropylbenzene	10.50	105	442785	4.568	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	110921	4.714	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	82173	4.641	ug/L	98
61) Bromoform	10.31	173	57029	4.684	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	224017	4.788	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	225112	4.675	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	216683	4.692	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.01	75	19587	4.206	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	166248	4.364	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	149223	4.338	ug/L	97
69) Naphthalene	14.11	128	292843	4.404	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	143621	4.506	ug/L	98

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

