

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039240.D
 Acq On : 30 Jun 2020 16:20
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV02

Quant Time: Jul 01 01:41:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 01:40:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	237274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	231104	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	117457	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96473	5.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.80%
7) Chloroethane-d5	1.93	69	86212	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.59	63	149028	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.80%
20) 2-Butanone-d5	4.68	46	314002	47.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.68%
24) Chloroform-d	5.10	84	164362	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.74	65	110526	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.76	84	317203	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.72	67	109058	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.92	98	242734	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	8.20	79	45623	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.66	63	244412	53.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93715	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	102355	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	111795	4.918	ug/L 100
3) Chloromethane	1.53	50	122672	5.427	ug/L 97
5) Vinyl chloride	1.62	62	133292	5.683	ug/L 100
6) Bromomethane	1.88	94	72418	5.905	ug/L 93
8) Chloroethane	1.95	64	83918	5.583	ug/L 99
9) Trichlorofluoromethane	2.16	101	170931	4.846	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	81133	4.543	ug/L 98
12) 1,1-Dichloroethene	2.61	96	80324	4.754	ug/L 88
13) Acetone	2.68	43	180973	44.751	ug/L 98
14) Carbon disulfide	2.82	76	265076	4.621	ug/L 100
15) Methyl Acetate	2.99	43	44051	4.611	ug/L 95
16) Methylene chloride	3.08	84	98042	4.260	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	222456	4.894	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	83499	4.830	ug/L 99
19) 1,1-Dichloroethane	3.91	63	158809	4.685	ug/L 99
21) 2-Butanone	4.76	43	311471	49.007	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	89153	4.876	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	43050	5.150	ug/L	94
25) Chloroform	5.12	83	163935	4.732	ug/L	96
27) 1,2-Dichloroethane	5.83	62	121709	4.813	ug/L	96
29) 1,1,1-Trichloroethane	5.35	97	144419	5.092	ug/L	99
30) Cyclohexane	5.42	56	126766	4.814	ug/L	95
31) Carbon tetrachloride	5.56	117	127588	5.321	ug/L	99
33) Benzene	5.81	78	376654	5.556	ug/L	100
34) Trichloroethene	6.57	95	94717	5.315	ug/L	97
35) Methylcyclohexane	6.79	83	152319	5.719	ug/L	96
37) 1,2-Dichloropropane	6.82	63	104811	5.717	ug/L	99
38) Bromodichloromethane	7.13	83	118841	4.905	ug/L	96
39) cis-1,3-Dichloropropene	7.63	75	134744	5.177	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	684622	49.929	ug/L	99
42) Toluene	7.99	91	358005	5.152	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	126325	5.147	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	68469	4.926	ug/L	97
47) Tetrachloroethene	8.57	164	63976	5.117	ug/L	96
48) 2-Hexanone	8.71	43	519050	48.952	ug/L	99
49) Dibromochloromethane	8.83	129	80717	5.265	ug/L	99
50) 1,2-Dibromoethane	8.95	107	67216	5.181	ug/L	96
51) Chlorobenzene	9.47	112	225393	4.964	ug/L	99
52) Ethylbenzene	9.59	91	381503	4.967	ug/L	99
53) m,p-Xylene	9.71	106	145931	5.149	ug/L	99
54) o-Xylene	10.12	106	137499	5.133	ug/L	100
55) Styrene	10.13	104	245133	5.296	ug/L	97
56) Isopropylbenzene	10.50	105	365210	5.147	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	86435	4.923	ug/L #	98
59) 1,2,3-Trichloropropane	10.84	75	68677	4.842	ug/L	97
61) Bromoform	10.31	173	45175	4.856	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	177711	4.951	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	181690	4.915	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	172116	4.920	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	17087	5.169	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	128562	5.082	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	118523	5.344	ug/L	96
69) Naphthalene	14.12	128	221764	5.181	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	110916	5.186	ug/L	95

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

