

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039184.D
 Acq On : 29 Jun 2020 11:47
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV01

Quant Time: Jun 30 01:24:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 01:22:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	262963	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	251358	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145211	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	118468	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.93	69	93390	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	63	216271	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	4.68	46	382121	51.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.66%
24) Chloroform-d	5.10	84	205747	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.74	65	121141	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.76	84	393924	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.72	67	121538	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.92	98	344415	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	8.20	79	58550	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.66	63	298480	56.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114306	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	149425	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	121417	4.664	ug/L 100
3) Chloromethane	1.53	50	122665	4.558	ug/L 100
5) Vinyl chloride	1.62	62	128114	4.773	ug/L 99
6) Bromomethane	1.88	94	68510	4.825	ug/L 100
8) Chloroethane	1.95	64	75664	4.646	ug/L 99
9) Trichlorofluoromethane	2.16	101	164394	4.570	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	92621	4.564	ug/L 99
12) 1,1-Dichloroethene	2.61	96	88653	4.570	ug/L 98
13) Acetone	2.68	43	212378	46.993	ug/L 100
14) Carbon disulfide	2.82	76	316013	4.656	ug/L 98
15) Methyl Acetate	2.99	43	51491	4.561	ug/L 98
16) Methylene chloride	3.08	84	100132	4.315	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	251444	4.814	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	95490	4.634	ug/L 99
19) 1,1-Dichloroethane	3.91	63	179773	4.569	ug/L 100
21) 2-Butanone	4.76	43	356238	49.635	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	98632	4.767	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	45836	4.588	ug/L	97
25) Chloroform	5.13	83	181065	4.622	ug/L	99
27) 1,2-Dichloroethane	5.83	62	131155	4.530	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	159120	4.725	ug/L	99
30) Cyclohexane	5.42	56	155673	4.928	ug/L	97
31) Carbon tetrachloride	5.56	117	132114	4.664	ug/L	99
33) Benzene	5.81	78	393497	4.857	ug/L	100
34) Trichloroethene	6.57	95	99035	4.783	ug/L	98
35) Methylcyclohexane	6.79	83	155927	5.052	ug/L	99
37) 1,2-Dichloropropane	6.82	63	116867	5.437	ug/L	99
38) Bromodichloromethane	7.13	83	130589	4.762	ug/L	96
39) cis-1,3-Dichloropropene	7.63	75	150760	4.885	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	836455	53.881	ug/L	99
42) Toluene	7.99	91	400278	4.949	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	140120	4.621	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	76153	4.782	ug/L	98
47) Tetrachloroethene	8.57	164	71130	4.775	ug/L	98
48) 2-Hexanone	8.71	43	607441	51.260	ug/L	99
49) Dibromochloromethane	8.83	129	87769	4.785	ug/L	97
50) 1,2-Dibromoethane	8.95	107	74797	4.814	ug/L #	98
51) Chlorobenzene	9.47	112	247400	4.804	ug/L	98
52) Ethylbenzene	9.59	91	432292	4.982	ug/L	98
53) m,p-Xylene	9.71	106	162899	5.094	ug/L	100
54) o-Xylene	10.12	106	155222	5.044	ug/L	100
55) Styrene	10.13	104	271270	5.081	ug/L	98
56) Isopropylbenzene	10.50	105	407848	4.981	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	95534	4.495	ug/L	93
59) 1,2,3-Trichloropropane	10.84	75	77313	4.780	ug/L	99
61) Bromoform	10.31	173	50387	4.274	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	224967	4.802	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	226432	4.826	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	215333	4.816	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	19566	4.308	ug/L	89
67) 1,3,5-Trichlorobenzene	13.24	180	141174	4.175	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	128093	4.339	ug/L	97
69) Naphthalene	14.12	128	271319	4.894	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	126697	4.635	ug/L	100

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

