

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081920\
 Data File : VU039902.D
 Acq On : 19 Aug 2020 11:55
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV01

Quant Time: Aug 20 08:15:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 20 08:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	79172	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76472	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41344	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32366	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.92	69	29090	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.58	63	62211	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	4.66	46	107408	48.60	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.20%
24) Chloroform-d	5.08	84	59525	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	33242	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.75	84	112634	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	37471	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.91	98	99111	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	8.19	79	15208	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.64	63	82085	51.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33518	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	40866	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	38636	4.695 ug/L	99
3) Chloromethane	1.53	50	41188	4.424 ug/L	99
5) Vinyl chloride	1.61	62	40715	4.622 ug/L	99
6) Bromomethane	1.87	94	24558	4.883 ug/L	93
8) Chloroethane	1.94	64	27350	4.855 ug/L	98
9) Trichlorofluoromethane	2.15	101	62577	4.749 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	33938	4.682 ug/L	94
12) 1,1-Dichloroethene	2.59	96	31533	4.554 ug/L	90
13) Acetone	2.66	43	72990	48.333 ug/L #	42
14) Carbon disulfide	2.81	76	105081	4.695 ug/L	99
15) Methyl Acetate	2.97	43	18207	4.697 ug/L	97
16) Methylene chloride	3.06	84	35709	3.750 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	83910	4.805 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	33852	4.707 ug/L	99
19) 1,1-Dichloroethane	3.89	63	62352	4.677 ug/L	98
21) 2-Butanone	4.74	43	123692	47.140 ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	36709	4.876 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	17136	4.839	ug/L	99
25) Chloroform	5.11	83	63555	4.703	ug/L	98
27) 1,2-Dichloroethane	5.81	62	44899	4.735	ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	55265	4.913	ug/L	98
30) Cyclohexane	5.41	56	58039	5.212	ug/L	98
31) Carbon tetrachloride	5.54	117	48691	4.903	ug/L	99
33) Benzene	5.79	78	140658	5.061	ug/L	100
34) Trichloroethene	6.56	95	35075	4.863	ug/L	94
35) Methylcyclohexane	6.77	83	57582	5.212	ug/L	99
37) 1,2-Dichloropropane	6.80	63	38014	5.147	ug/L	98
38) Bromodichloromethane	7.11	83	47711	5.083	ug/L	95
39) cis-1,3-Dichloropropene	7.62	75	51783	5.017	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	292995	50.096	ug/L	99
42) Toluene	7.98	91	143682	5.056	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	48062	4.955	ug/L	95
45) 1,1,2-Trichloroethane	8.41	97	27380	4.879	ug/L	97
47) Tetrachloroethene	8.56	164	27782	5.221	ug/L	94
48) 2-Hexanone	8.69	43	212073	50.598	ug/L	99
49) Dibromochloromethane	8.82	129	33436	4.991	ug/L	97
50) 1,2-Dibromoethane	8.93	107	25961	4.858	ug/L #	98
51) Chlorobenzene	9.45	112	93273	5.026	ug/L	97
52) Ethylbenzene	9.57	91	157953	5.109	ug/L	98
53) m,p-Xylene	9.70	106	63068	5.315	ug/L	95
54) o-Xylene	10.10	106	60145	5.362	ug/L	100
55) Styrene	10.11	104	103493	5.323	ug/L	99
56) Isopropylbenzene	10.48	105	155853	5.184	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	34874	4.813	ug/L	94
59) 1,2,3-Trichloropropane	10.82	75	26066	4.926	ug/L	99
61) Bromoform	10.29	173	19284	5.296	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	78411	5.122	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	79572	5.105	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	75989	5.144	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	5817	4.815	ug/L #	81
67) 1,3,5-Trichlorobenzene	13.21	180	58901	5.181	ug/L	95
68) 1,2,4-trichlorobenzene	13.83	180	51953	5.357	ug/L	98
69) Naphthalene	14.08	128	95004	5.303	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	48749	5.379	ug/L	98

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

