

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100820\
 Data File : VU040562.D
 Acq On : 08 Oct 2020 14:55
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV04

Quant Time: Oct 09 02:03:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 09 01:55:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	152397	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	150539	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	77878	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	61072	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.93	69	46997	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.58	63	118234	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	4.66	46	200903	49.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.44%
24) Chloroform-d	5.08	84	107224	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	62017	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.74	84	199133	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.70	67	64710	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.91	98	181889	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.19	79	28436	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.64	63	152968	51.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	57963	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	71529	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	68115	4.933 ug/L	99
3) Chloromethane	1.53	50	63363	4.907 ug/L	99
5) Vinyl chloride	1.61	62	64843	4.768 ug/L	98
6) Bromomethane	1.87	94	36047	4.882 ug/L	98
8) Chloroethane	1.94	64	40094	4.631 ug/L	94
9) Trichlorofluoromethane	2.15	101	93012	4.763 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	60140	4.744 ug/L	100
12) 1,1-Dichloroethene	2.59	96	52915	4.866 ug/L	94
13) Acetone	2.67	43	149272	47.656 ug/L	98
14) Carbon disulfide	2.81	76	148137	4.867 ug/L	98
15) Methyl Acetate	2.97	43	33258	4.650 ug/L	98
16) Methylene chloride	3.06	84	65084	4.662 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	154380	5.021 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	54320	4.772 ug/L	99
19) 1,1-Dichloroethane	3.89	63	114796	4.877 ug/L	98
21) 2-Butanone	4.74	43	245490	50.270 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	62464	5.089 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	29789	4.885	ug/L	95
25) Chloroform	5.11	83	115924	4.823	ug/L	97
27) 1,2-Dichloroethane	5.81	62	82364	4.842	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	98263	4.857	ug/L	100
30) Cyclohexane	5.41	56	96933	5.200	ug/L	98
31) Carbon tetrachloride	5.54	117	86312	4.986	ug/L	99
33) Benzene	5.79	78	238847	4.938	ug/L	100
34) Trichloroethene	6.56	95	62547	4.989	ug/L	94
35) Methylcyclohexane	6.78	83	92436	5.199	ug/L	98
37) 1,2-Dichloropropane	6.80	63	67714	5.025	ug/L	99
38) Bromodichloromethane	7.12	83	86038	4.995	ug/L	100
39) cis-1,3-Dichloropropene	7.62	75	94346	5.124	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	552107	51.391	ug/L	100
42) Toluene	7.98	91	252861	5.131	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	86865	5.125	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	49644	4.919	ug/L	98
47) Tetrachloroethene	8.56	164	46830	5.236	ug/L	96
48) 2-Hexanone	8.69	43	420370	52.555	ug/L	100
49) Dibromochloromethane	8.82	129	58091	5.002	ug/L	97
50) 1,2-Dibromoethane	8.93	107	45851	4.789	ug/L	95
51) Chlorobenzene	9.45	112	162122	4.994	ug/L	99
52) Ethylbenzene	9.57	91	277967	5.212	ug/L	100
53) m,p-Xylene	9.70	106	104740	5.388	ug/L	97
54) o-Xylene	10.10	106	98950	5.293	ug/L	95
55) Styrene	10.11	104	175585	5.408	ug/L	100
56) Isopropylbenzene	10.48	105	275063	5.465	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	66156	4.993	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	48677	4.918	ug/L	99
61) Bromoform	10.29	173	33679	5.045	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	136215	5.344	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	136648	5.199	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	129463	5.195	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	11637	5.333	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	97462	5.389	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	85221	6.099	ug/L	97
69) Naphthalene	14.08	128	165472	7.239	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	82945	6.392	ug/L	99

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

