

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040352.D
 Acq On : 29 Sep 2020 12:04
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV03

Quant Time: Sep 30 01:50:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:43:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	151339	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	147806	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	79068	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34299	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.92	69	29842	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.58	63	85676	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.65	46	178122	47.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.72%
24) Chloroform-d	5.08	84	85087	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	49195	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.74	84	147756	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.70	67	52416	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.90	98	127735	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	8.18	79	22354	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.64	63	132311	50.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.42%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49461	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	57383	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	72072	4.749	ug/L 100
3) Chloromethane	1.53	50	68705	4.616	ug/L 99
5) Vinyl chloride	1.61	62	68537	4.685	ug/L 98
6) Bromomethane	1.86	94	34471	4.845	ug/L 99
8) Chloroethane	1.94	64	40331	4.652	ug/L 98
9) Trichlorofluoromethane	2.15	101	93208	4.619	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	59497	4.618	ug/L 99
12) 1,1-Dichloroethene	2.59	96	53447	4.637	ug/L 95
13) Acetone	2.65	43	142077	45.812	ug/L 100
14) Carbon disulfide	2.81	76	168668	4.630	ug/L 100
15) Methyl Acetate	2.96	43	33820	4.528	ug/L 98
16) Methylene chloride	3.06	84	63621	4.394	ug/L 95
17) Methyl tert-butyl Ether	3.38	73	149362	4.704	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	56228	4.718	ug/L 95
19) 1,1-Dichloroethane	3.89	63	113115	4.624	ug/L 99
21) 2-Butanone	4.73	43	243719	48.960	ug/L 98
22) cis-1,2-Dichloroethene	4.68	96	60846	4.615	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040352.D
 Acq On : 29 Sep 2020 12:04
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV03

Quant Time: Sep 30 01:50:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:43:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	28351	4.697	ug/L	98
25) Chloroform	5.11	83	114673	4.596	ug/L	96
27) 1,2-Dichloroethane	5.81	62	79980	4.630	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	97794	4.843	ug/L	99
30) Cyclohexane	5.40	56	105165	5.035	ug/L	98
31) Carbon tetrachloride	5.54	117	83613	4.830	ug/L	99
33) Benzene	5.79	78	243196	4.908	ug/L	100
34) Trichloroethene	6.55	95	63837	4.852	ug/L	96
35) Methylcyclohexane	6.77	83	98207	5.090	ug/L	98
37) 1,2-Dichloropropane	6.80	63	65529	4.748	ug/L	100
38) Bromodichloromethane	7.11	83	82381	4.834	ug/L	96
39) cis-1,3-Dichloropropene	7.61	75	92259	4.984	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	538995	49.874	ug/L	99
42) Toluene	7.97	91	252054	4.960	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	84467	4.950	ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	46613	4.818	ug/L	97
47) Tetrachloroethene	8.56	164	46249	4.951	ug/L	96
48) 2-Hexanone	8.69	43	411677	51.695	ug/L	98
49) Dibromochloromethane	8.81	129	56590	5.029	ug/L	99
50) 1,2-Dibromoethane	8.92	107	45322	4.884	ug/L	94
51) Chlorobenzene	9.45	112	162406	4.943	ug/L	98
52) Ethylbenzene	9.57	91	282096	5.116	ug/L	99
53) m,p-Xylene	9.69	106	104026	5.064	ug/L	95
54) o-Xylene	10.10	106	99495	5.148	ug/L	96
55) Styrene	10.11	104	177778	5.274	ug/L	98
56) Isopropylbenzene	10.48	105	276945	5.311	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	61862	4.718	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	47629	4.761	ug/L	99
61) Bromoform	10.29	173	30813	4.715	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	132327	5.055	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	135009	4.958	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	125258	4.922	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	10342	4.509	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	94413	5.052	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	78502	5.228	ug/L	99
69) Naphthalene	14.08	128	141832	5.527	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	73734	5.366	ug/L	98

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

