

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU028993.D
 Acq On : 03 Jan 2019 13:29
 Operator : MD/SY
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 9:50:52 AM

Quant Time: Jan 04 00:49:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 00:41:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	123870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	204305	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	191386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	92049	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	31398	20.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.00%	
35) Dibromofluoromethane	4.88	113	26967	20.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.72%	
50) Toluene-d8	7.56	98	105431	20.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.32%	
62) 4-Bromofluorobenzene	10.31	95	36128	19.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	25144	20.468	ug/l	99
3) Chloromethane	1.33	50	40312	18.337	ug/l	100
4) Vinyl Chloride	1.40	62	37097	20.492	ug/l	98
5) Bromomethane	1.61	94	20871	19.257	ug/l	100
6) Chloroethane	1.69	64	21899	20.309	ug/l	99
7) Trichlorofluoromethane	1.88	101	39688	20.120	ug/l	100
8) Diethyl Ether	2.10	74	19765	20.856	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	26201	19.851	ug/l	96
10) Methyl Iodide	2.41	142	23618	19.031	ug/l	99
11) Tert butyl alcohol	2.83	59	38492	98.893	ug/l	100
12) 1,1-Dichloroethene	2.28	96	25489	19.840	ug/l	98
13) Acrolein	2.19	56	30156	103.179	ug/l	99
14) Allyl chloride	2.59	41	44330	18.806	ug/l	91
15) Acrylonitrile	2.94	53	99305	103.994	ug/l	99
16) Acetone	2.32	43	100686	104.376	ug/l	100
17) Carbon Disulfide	2.48	76	87316	18.264	ug/l	100
18) Methyl Acetate	2.62	43	45333	20.211	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	90466	20.029	ug/l	99
20) Methylene Chloride	2.70	84	32476	19.829	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	29733	19.920	ug/l	97
22) Diisopropyl ether	3.57	45	96151	20.639	ug/l	99
23) Vinyl Acetate	3.52	43	393275	103.261	ug/l	100
24) 1,1-Dichloroethane	3.44	63	55182	20.519	ug/l	99
25) 2-Butanone	4.26	43	138443	106.258	ug/l	97
26) 2,2-Dichloropropane	4.23	77	45276	20.835	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	33313	20.406	ug/l	99
28) Bromochloromethane	4.55	49	25066	21.767	ug/l	99
29) Tetrahydrofuran	4.64	42	82461	104.351	ug/l	100
30) Chloroform	4.67	83	52763	20.598	ug/l	97
31) Cyclohexane	4.99	56	52773	17.731	ug/l	97
32) 1,1,1-Trichloroethane	4.91	97	43287	20.451	ug/l	99
36) 1,1-Dichloropropene	5.13	75	40476	19.821	ug/l	98
37) Ethyl Acetate	4.38	43	46954	20.116	ug/l	99
38) Carbon Tetrachloride	5.13	117	34464	20.235	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU028993.D
 Acq On : 03 Jan 2019 13:29
 Operator : MD/SY
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 9:50:52 AM

Quant Time: Jan 04 00:49:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 00:41:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	49031	19.530	ug/l	97
40) Benzene	5.39	78	128540	20.179	ug/l	99
41) Methacrylonitrile	4.54	41	25032	20.862	ug/l	99
42) 1,2-Dichloroethane	5.40	62	40102	20.951	ug/l	99
43) Isopropyl Acetate	5.55	43	71644	20.836	ug/l	99
44) Trichloroethene	6.19	130	31764	20.126	ug/l	95
45) 1,2-Dichloropropane	6.43	63	34303	20.392	ug/l	100
46) Dibromomethane	6.56	93	22129	20.579	ug/l	99
47) Bromodichloromethane	6.76	83	40124	20.266	ug/l	99
48) Methyl methacrylate	6.62	41	34622	20.678	ug/l	98
49) 1,4-Dioxane	6.61	88	16470	415.085	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	239515	102.351	ug/l	100
52) Toluene	7.64	92	78924	20.353	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	46335	19.482	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	52052	20.254	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	32363	20.832	ug/l	98
56) Ethyl methacrylate	8.02	69	47435	19.819	ug/l	97
57) 1,3-Dichloropropane	8.24	76	55478	20.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	107613	102.239	ug/l	98
59) 2-Hexanone	8.36	43	187409	102.024	ug/l	100
60) Dibromochloromethane	8.48	129	30621	19.895	ug/l	97
61) 1,2-Dibromoethane	8.58	107	34372	20.400	ug/l	98
64) Tetrachloroethene	8.22	164	28111	20.390	ug/l	98
65) Chlorobenzene	9.12	112	85038	19.822	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	28294	20.323	ug/l	99
67) Ethyl Benzene	9.25	91	142084	19.838	ug/l	99
68) m/p-Xylenes	9.37	106	111658	40.122	ug/l	97
69) o-Xylene	9.78	106	53181	19.833	ug/l	100
70) Styrene	9.79	104	86836	19.754	ug/l	100
71) Bromoform	9.95	173	24598	19.843	ug/l #	98
73) Isopropylbenzene	10.16	105	137719	20.213	ug/l	100
74) N-amyl acetate	10.01	43	58928	20.071	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	55144	20.194	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	47533m	20.346	ug/l	
77) Bromobenzene	10.45	156	35670	20.090	ug/l	98
78) n-propylbenzene	10.58	91	162908	20.289	ug/l	100
79) 2-Chlorotoluene	10.66	91	96694	19.852	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	115504	20.301	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	15840m	14.225	ug/l	
82) 4-Chlorotoluene	10.77	91	108993	19.515	ug/l	99
83) tert-Butylbenzene	11.10	119	112826	20.119	ug/l	100
84) 1,2,4-Trimethylbenzene	11.14	105	117901	20.755	ug/l	100
85) sec-Butylbenzene	11.32	105	137586	20.287	ug/l	99
86) p-Isopropyltoluene	11.47	119	116146	20.097	ug/l	100
87) 1,3-Dichlorobenzene	11.41	146	63451	19.483	ug/l	100
88) 1,4-Dichlorobenzene	11.50	146	64605	19.218	ug/l	99
89) n-Butylbenzene	11.89	91	100912	19.564	ug/l	100
90) Hexachloroethane	12.14	117	18588	19.119	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	63537	19.370	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10698	20.369	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
Data File : VU028993.D
Acq On : 03 Jan 2019 13:29
Operator : MD/SY
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
1/4/2019 9:50:52 AM

Quant Time: Jan 04 00:49:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 00:41:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	39376	18.805	ug/l	99
94) Hexachlorobutadiene	13.69	225	18440	19.253	ug/l	97
95) Naphthalene	13.74	128	131086	18.403	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	41198	18.504	ug/l	98

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

