

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032421\
 Data File : VU042766.D
 Acq On : 24 Mar 2021 15:17
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 3/30/2021 10:57:56 AM

Quant Time: Mar 25 05:13:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:07:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.382	168	103968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	157653	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	152650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	85866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	34123	21.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.30%	
35) Dibromofluoromethane	5.298	113	24170	17.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	34.50%	
50) Toluene-d8	7.906	98	83567	16.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	32.32%	
62) 4-Bromofluorobenzene	10.642	95	31111	15.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	30.68%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	27441	24.39	ug/l	94
3) Chloromethane	1.523	50	27153	20.12	ug/l	99
4) Vinyl Chloride	1.607	62	26014	19.34	ug/l	99
5) Bromomethane	1.861	94	19671	25.69	ug/l	95
6) Chloroethane	1.935	64	19320	21.51	ug/l	100
7) Trichlorofluoromethane	2.141	101	44954	23.96	ug/l	93
8) Diethyl Ether	2.382	74	13645	17.56	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.588	101	21090	17.82	ug/l	99
10) Methyl Iodide	2.729	142	29026	27.48	ug/l	99
11) Tert butyl alcohol	3.218	59	37233	110.81	ug/l #	89
12) 1,1-Dichloroethene	2.584	96	19291	17.45	ug/l	99
13) Acrolein	2.494	56	12157	48.82	ug/l	97
14) Allyl chloride	2.932	41	42585	19.75	ug/l	99
15) Acrylonitrile	3.324	53	86042	104.93	ug/l	100
16) Acetone	2.639	43	96109	114.32	ug/l	100
17) Carbon Disulfide	2.800	76	55738	21.50	ug/l	100
18) Methyl Acetate	2.957	43	42415	21.27	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	74061	18.32	ug/l	98
20) Methylene Chloride	3.054	84	24036	16.77	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	22034	18.69	ug/l	98
22) Diisopropyl ether	4.002	45	86389	20.50	ug/l	91
23) Vinyl Acetate	3.967	43	395508	113.09	ug/l	99
24) 1,1-Dichloroethane	3.880	63	44535	18.03	ug/l	97
25) 2-Butanone	4.716	43	139055	123.98	ug/l	100
26) 2,2-Dichloropropane	4.678	77	39085	19.34	ug/l	98
27) cis-1,2-Dichloroethene	4.678	96	25458	17.93	ug/l	98
28) Bromochloromethane	4.983	49	22978	19.97	ug/l	98
29) Tetrahydrofuran	5.063	42	87498	127.63	ug/l	99
30) Chloroform	5.099	83	47162	18.55	ug/l	98
31) Cyclohexane	5.398	56	40836	21.62	ug/l	97
32) 1,1,1-Trichloroethane	5.327	97	42799	20.78	ug/l	99
36) 1,1-Dichloropropene	5.536	75	32329	18.94	ug/l	100
37) Ethyl Acetate	4.813	43	49930	23.93	ug/l	99
38) Carbon Tetrachloride	5.536	117	37445	20.40	ug/l	99
39) Methylcyclohexane	6.774	83	35956	19.58	ug/l	97
40) Benzene	5.784	78	95408	17.67	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032421\
 Data File : VU042766.D
 Acq On : 24 Mar 2021 15:17
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 3/30/2021 10:57:56 AM

Quant Time: Mar 25 05:13:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:07:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	26758	24.25	ug/l	98
42) 1,2-Dichloroethane	5.803	62	43132	22.16	ug/l	100
43) Isopropyl Acetate	5.922	43	74316	22.93	ug/l	100
44) Trichloroethene	6.549	130	24891	16.74	ug/l	96
45) 1,2-Dichloropropane	6.800	63	26343	16.81	ug/l	97
46) Dibromomethane	6.928	93	19032	19.05	ug/l	98
47) Bromodichloromethane	7.115	83	38414	18.69	ug/l	99
48) Methyl methacrylate	6.970	41	36807	23.69	ug/l	99
49) 1,4-Dioxane	6.999	88	16572	496.21	ug/l	95
51) 4-Methyl-2-Pentanone	7.800	43	268389	119.38	ug/l	100
52) Toluene	7.976	92	60140	17.76	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	39072	18.29	ug/l	97
54) cis-1,3-Dichloropropene	7.616	75	40695	17.57	ug/l	100
55) 1,1,2-Trichloroethane	8.407	97	25933	16.98	ug/l	99
56) Ethyl methacrylate	8.340	69	37502	18.08	ug/l	98
57) 1,3-Dichloropropane	8.584	76	42983	17.21	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.472	63	40779	62.49	ug/l	99
59) 2-Hexanone	8.693	43	214180	125.95	ug/l	100
60) Dibromochloromethane	8.819	129	30211	18.28	ug/l	97
61) 1,2-Dibromoethane	8.931	107	29212	19.24	ug/l	96
64) Tetrachloroethene	8.562	164	25969	19.54	ug/l	98
65) Chlorobenzene	9.455	112	64534	17.11	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.542	131	25717	17.68	ug/l	97
67) Ethyl Benzene	9.578	91	116966	18.75	ug/l	99
68) m/p-Xylenes	9.700	106	86639	37.06	ug/l	98
69) o-Xylene	10.108	106	41651	18.26	ug/l	97
70) Styrene	10.121	104	70856	17.83	ug/l	99
71) Bromoform	10.298	173	24814	19.45	ug/l #	97
73) Isopropylbenzene	10.491	105	114268	20.49	ug/l	99
74) N-amyl acetate	10.330	43	63485	26.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	46137	20.43	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	43535m	22.74	ug/l	
77) Bromobenzene	10.790	156	30715	19.75	ug/l	98
78) n-propylbenzene	10.912	91	136663	21.08	ug/l	99
79) 2-Chlorotoluene	10.992	91	82331	20.87	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	102114	21.78	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	14042	23.84	ug/l	94
82) 4-Chlorotoluene	11.105	91	97203	21.29	ug/l	99
83) tert-Butylbenzene	11.426	119	95076	20.37	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	103603	21.90	ug/l	100
85) sec-Butylbenzene	11.652	105	114891	20.82	ug/l	100
86) p-Isopropyltoluene	11.803	119	106353	20.83	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	55521	19.57	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	57701	19.48	ug/l	99
89) n-Butylbenzene	12.214	91	95107	21.28	ug/l	98
90) Hexachloroethane	12.481	117	18762	22.43	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	56753	20.28	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	12456	28.31	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	36618	22.22	ug/l	99
94) Hexachlorobutadiene	14.031	225	20496	20.65	ug/l	96
95) Naphthalene	14.095	128	103162	22.98	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	37412	21.65	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032421\
Data File : VU042766.D
Acq On : 24 Mar 2021 15:17
Operator : SY/MD
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

apatel
3/30/2021 10:57:56 AM

Quant Time: Mar 25 05:13:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:07:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

