

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU044997.D
 Acq On : 29 Sep 2021 16:51
 Operator : SY/MD
 Sample : VU0929MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0929MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 12:01:10 PM

Quant Time: Sep 30 04:32:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	166939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	314128	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	299846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	147367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	140135	50.43	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.86%			
35) Dibromofluoromethane	5.295	113	98791	49.85	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.70%			
50) Toluene-d8	7.903	98	396579	50.65	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.30%			
62) 4-Bromofluorobenzene	10.636	95	151355	46.82	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.64%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	35627	17.23	ug/l	98
3) Chloromethane	1.523	50	44759	16.72	ug/l	100
4) Vinyl Chloride	1.607	62	47719	17.85	ug/l	100
5) Bromomethane	1.845	94	32734	31.21	ug/l	100
6) Chloroethane	1.932	64	30899	15.04	ug/l	97
7) Trichlorofluoromethane	2.138	101	60115	17.03	ug/l	98
8) Diethyl Ether	2.379	74	28691	17.73	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.584	101	34170	17.02	ug/l	98
10) Methyl Iodide	2.726	142	31760	14.82	ug/l	97
11) Tert butyl alcohol	3.183	59	53652	67.27	ug/l	100
12) 1,1-Dichloroethene	2.581	96	33754	17.05	ug/l	99
13) Acrolein	2.488	56	15099	99.01	ug/l	93
14) Allyl chloride	2.925	41	61919	16.90	ug/l	95
15) Acrylonitrile	3.318	53	135443	84.20	ug/l	99
16) Acetone	2.629	43	115782	70.19	ug/l	98
17) Carbon Disulfide	2.797	76	94025	16.09	ug/l	99
18) Methyl Acetate	2.951	43	82596	17.13	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	134786	17.64	ug/l	99
20) Methylene Chloride	3.051	84	42348	17.04	ug/l	96
21) trans-1,2-Dichloroethene	3.356	96	38315	17.70	ug/l	95
22) Diisopropyl ether	3.999	45	129993	17.38	ug/l	97
23) Vinyl Acetate	3.961	43	531497	87.39	ug/l	98
24) 1,1-Dichloroethane	3.874	63	75280	17.54	ug/l	99
25) 2-Butanone	4.703	43	185599	79.20	ug/l	97
26) 2,2-Dichloropropane	4.671	77	57979	15.97	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	45180	17.67	ug/l	98
28) Bromochloromethane	4.977	49	35072	19.71	ug/l	93
29) Tetrahydrofuran	5.054	42	120560	86.42	ug/l	98
30) Chloroform	5.092	83	74796	17.29	ug/l	99
31) Cyclohexane	5.391	56	71261	16.88	ug/l	94
32) 1,1,1-Trichloroethane	5.321	97	61380	17.19	ug/l	99
36) 1,1-Dichloropropene	5.530	75	54927	16.72	ug/l	98
37) Ethyl Acetate	4.806	43	71122	16.36	ug/l	98
38) Carbon Tetrachloride	5.530	117	46416	16.33	ug/l	99
39) Methylcyclohexane	6.768	83	65913	16.34	ug/l	97
40) Benzene	5.777	78	167588	17.13	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU044997.D
 Acq On : 29 Sep 2021 16:51
 Operator : SY/MD
 Sample : VU0929MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0929MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 12:01:10 PM

Quant Time: Sep 30 04:32:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	37379	16.70	ug/l	97
42) 1,2-Dichloroethane	5.800	62	65044	16.91	ug/l	100
43) Isopropyl Acetate	5.916	43	109478	16.74	ug/l	99
44) Trichloroethene	6.546	130	40026	17.35	ug/l	99
45) 1,2-Dichloropropane	6.797	63	43979	16.95	ug/l	98
46) Dibromomethane	6.922	93	29842	17.08	ug/l	99
47) Bromodichloromethane	7.108	83	56283	16.59	ug/l	98
48) Methyl methacrylate	6.964	41	51081	16.05	ug/l	96
49) 1,4-Dioxane	6.967	88	19922	214.18	ug/l	95
51) 4-Methyl-2-Pentanone	7.793	43	359621	75.54	ug/l	98
52) Toluene	7.973	92	104850	17.12	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	61498	15.85	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	68597	16.97	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	42452	16.64	ug/l	97
56) Ethyl methacrylate	8.337	69	71202	15.67	ug/l	97
57) 1,3-Dichloropropane	8.578	76	76685	16.84	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	132565	98.27	ug/l	97
59) 2-Hexanone	8.687	43	284373	73.36	ug/l	98
60) Dibromochloromethane	8.813	129	38541	15.80	ug/l	99
61) 1,2-Dibromoethane	8.925	107	44010	16.23	ug/l	98
64) Tetrachloroethene	8.555	164	34976	17.87	ug/l	97
65) Chlorobenzene	9.449	112	107535	17.11	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	35386	16.12	ug/l	98
67) Ethyl Benzene	9.575	91	201851	17.45	ug/l	98
68) m/p-Xylenes	9.697	106	152763	33.99	ug/l	99
69) o-Xylene	10.102	106	76171	17.08	ug/l	99
70) Styrene	10.118	104	124124	16.59	ug/l	98
71) Bromoform	10.295	173	26700	13.52	ug/l #	99
73) Isopropylbenzene	10.488	105	195745	17.84	ug/l	100
74) N-amyl acetate	10.324	43	90547	16.39	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	73094	15.39	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	66874m	15.56	ug/l	
77) Bromobenzene	10.783	156	45361	17.12	ug/l	99
78) n-propylbenzene	10.909	91	240316	17.97	ug/l	99
79) 2-Chlorotoluene	10.989	91	143477	17.12	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	168299	17.51	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	21257	13.72	ug/l	96
82) 4-Chlorotoluene	11.099	91	165554	17.47	ug/l	99
83) tert-Butylbenzene	11.423	119	156403	16.73	ug/l	98
84) 1,2,4-Trimethylbenzene	11.472	105	167842	17.65	ug/l	98
85) sec-Butylbenzene	11.645	105	211217	17.54	ug/l	99
86) p-Isopropyltoluene	11.796	119	173526	17.91	ug/l	98
87) 1,3-Dichlorobenzene	11.748	146	87634	17.27	ug/l	98
88) 1,4-Dichlorobenzene	11.838	146	87901	16.93	ug/l	98
89) n-Butylbenzene	12.211	91	164120	18.39	ug/l	100
90) Hexachloroethane	12.478	117	25786	14.74	ug/l	98
91) 1,2-Dichlorobenzene	12.218	146	86138	16.60	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	18358	16.39	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	52990	18.33	ug/l	99
94) Hexachlorobutadiene	14.025	225	19277	15.97	ug/l	99
95) Naphthalene	14.089	128	209374	19.26	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	53456	18.41	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU044997.D
Acq On : 29 Sep 2021 16:51
Operator : SY/MD
Sample : VU0929MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

Manual Integrations
APPROVED

MMDadoda
9/30/2021 12:01:10 PM

Quant Time: Sep 30 04:32:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

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

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

