

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072321\
 Data File : VU044397.D
 Acq On : 23 Jul 2021 11:50
 Operator : SY/MD
 Sample : VSTD02017
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020017

Quant Time: Jul 24 00:32:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 24 00:29:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	198053	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	190713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	102899	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	337761	28.058	ug/L	0.00
7) Chloroethane-d5	1.919	69	289606	25.269	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	143399	24.432	ug/L	0.00
20) 2-Butanone-d5	4.639	46	1052915	252.350	ug/L	0.00
24) Chloroform-d	5.073	84	599622	23.668	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	316014	21.202	ug/L	0.00
32) Benzene-d6	5.735	84	1242531	24.742	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	387565	24.093	ug/L	0.00
41) Toluene-d8	7.906	98	1108744	24.165	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	160271	22.231	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	954601	262.853	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	352789	24.557	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	418611	23.827	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	367895	28.086	ug/L	99
3) Chloromethane	1.523	50	387787	26.146	ug/L	100
5) Vinyl chloride	1.607	62	414223	26.908	ug/L	99
6) Bromomethane	1.864	94	232990	24.185	ug/L	99
8) Chloroethane	1.938	64	237524	23.628	ug/L	100
9) Trichlorofluoromethane	2.144	101	455516	22.631	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	279688	22.956	ug/L	99
12) 1,1-Dichloroethene	2.584	96	273137	22.918	ug/L	90
13) Acetone	2.649	43	496581	266.003	ug/L	88
14) Carbon disulfide	2.800	76	907806	24.608	ug/L	100
15) Methyl Acetate	2.961	43	97319	18.496	ug/L	# 82
16) Methylene chloride	3.054	84	303119	19.014	ug/L	100
17) Methyl tert-butyl Ether	3.372	73	756188	21.844	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	293210	23.227	ug/L	97
19) 1,1-Dichloroethane	3.880	63	525374	22.062	ug/L	99
21) 2-Butanone	4.719	43	902956	220.964	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	318898	23.044	ug/L	100
23) Bromochloromethane	4.983	128	139761	22.441	ug/L	97
25) Chloroform	5.099	83	519525	20.613	ug/L	98
27) 1,2-Dichloroethane	5.803	62	346982	20.770	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	442505	20.768	ug/L	98
30) Cyclohexane	5.398	56	515505	22.711	ug/L	99
31) Carbon tetrachloride	5.533	117	366538	20.256	ug/L	100
33) Benzene	5.784	78	1207929	23.324	ug/L	100
34) Trichloroethene	6.549	95	305606	22.246	ug/L	100
35) Methylcyclohexane	6.771	83	541807	23.563	ug/L	100
37) 1,2-Dichloropropane	6.800	63	308172	22.778	ug/L	99
38) Bromodichloromethane	7.115	83	379493	20.495	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	481367	22.140	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	2187608	206.113	ug/L	99
42) Toluene	7.976	91	1295465	22.963	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	414891	21.036	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	231471	22.627	ug/L	98
47) Tetrachloroethene	8.562	164	225547	22.010	ug/L	99
48) 2-Hexanone	8.697	43	1602991	211.399	ug/L	98
49) Dibromochloromethane	8.819	129	260879	20.903	ug/L	96
50) 1,2-Dibromoethane	8.931	107	223358	22.655	ug/L	99
51) Chlorobenzene	9.452	112	789205	22.003	ug/L	99
52) Ethylbenzene	9.578	91	1397414	21.785	ug/L	98
53) m,p-Xylene	9.700	106	544961	22.356	ug/L	100
54) o-Xylene	10.108	106	528231	22.269	ug/L	98
55) Styrene	10.121	104	919441	22.205	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	307182	22.587	ug/L	96
59) Bromoform	10.298	173	146935	20.651	ug/L	99
60) Isopropylbenzene	10.491	105	1395218	21.980	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	221784	23.003	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	1215374	22.125	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	1251452	22.179	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	632908	22.088	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	633055	21.886	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	607850	22.444	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	53370	21.850	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	492504	22.712	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	437734	23.743	ug/L	99
71) Naphthalene	14.092	128	897461	26.287	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	393090	24.345	ug/L	99

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

