

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030221\
 Data File : VU042469.D
 Acq On : 02 Mar 2021 14:32
 Operator : SY/MD
 Sample : VSTD0.506
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.506

Manual Integrations
 APPROVED

MMDadoda
 3/5/2021 4:43:00 PM

Quant Time: Mar 03 15:43:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 03 15:42:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	111450	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	104294	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	53965	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	3291	0.52	ug/L	0.00
7) Chloroethane-d5	1.919	69	2516	0.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	63	7852	0.48	ug/L	0.00
20) 2-Butanone-d5	4.661	46	10500m	3.68	ug/L	0.01
24) Chloroform-d	5.076	84	6225	0.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.716	65	4325	0.44	ug/L	0.00
32) Benzene-d6	5.735	84	11488	0.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	3743	0.42	ug/L	0.00
41) Toluene-d8	7.906	98	11343	0.43	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	1680	0.44	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	7531	3.77	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.767	84	3152	0.39	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.201	152	4589	0.46	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	4736	0.43	ug/L	96
3) Chloromethane	1.520	50	5120	0.52	ug/L	96
5) Vinyl chloride	1.607	62	4872	0.49	ug/L	97
6) Bromomethane	1.861	94	2718	0.48	ug/L	85
8) Chloroethane	1.938	64	3111	0.54	ug/L #	73
9) Trichlorofluoromethane	2.144	101	7749	0.50	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	4182	0.49	ug/L	99
12) 1,1-Dichloroethene	2.587	96	3915	0.51	ug/L	97
13) Acetone	2.674	43	11009m	7.26	ug/L	
14) Carbon disulfide	2.800	76	12219	0.47	ug/L	99
15) Methyl Acetate	2.970	43	2593m	0.63	ug/L	
16) Methylene chloride	3.057	84	5852	0.66	ug/L	89
17) Methyl tert-butyl Ether	3.378	73	10309	0.46	ug/L	94
18) trans-1,2-Dichloroethene	3.362	96	4064	0.51	ug/L	94
19) 1,1-Dichloroethane	3.877	63	7745	0.49	ug/L	94
21) 2-Butanone	4.739	43	16220m	4.87	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	4443	0.50	ug/L	92
23) Bromochloromethane	4.983	128	2186	0.53	ug/L	97
25) Chloroform	5.095	83	8397	0.52	ug/L	98
27) 1,2-Dichloroethane	5.803	62	6062	0.49	ug/L #	94
29) 1,1,1-Trichloroethane	5.324	97	7004	0.48	ug/L	98
30) Cyclohexane	5.398	56	6819	0.46	ug/L	99
31) Carbon tetrachloride	5.529	117	6240	0.49	ug/L	99
33) Benzene	5.783	78	16078	0.49	ug/L	100
34) Trichloroethene	6.549	95	4640	0.52	ug/L	93
35) Methylcyclohexane	6.771	83	6456	0.45	ug/L	98
37) 1,2-Dichloropropane	6.803	63	4229	0.48	ug/L #	87
38) Bromodichloromethane	7.115	83	5067	0.43	ug/L	94
39) cis-1,3-Dichloropropene	7.616	75	5793	0.44	ug/L	100
40) 4-Methyl-2-pentanone	7.806	43	36677	4.64	ug/L	97
42) Toluene	7.980	91	17270	0.48	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	5390	0.44	ug/L	99

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45) 1,1,2-Trichloroethane	8.410	97	3147	0.49	ug/L	91
47) Tetrachloroethene	8.562	164	3566	0.48	ug/L	88
48) 2-Hexanone	8.700	43	25633	4.45	ug/L	96
49) Dibromochloromethane	8.819	129	3625	0.44	ug/L	94
50) 1,2-Dibromoethane	8.931	107	2939	0.44	ug/L #	89
51) Chlorobenzene	9.455	112	11005	0.49	ug/L	96
52) Ethylbenzene	9.578	91	18526	0.46	ug/L	98
53) m,p-Xylene	9.703	106	7055	0.47	ug/L	91
54) o-Xylene	10.108	106	6268	0.43	ug/L	93
55) Styrene	10.124	104	10838	0.44	ug/L	99
56) Isopropylbenzene	10.494	105	17755	0.44	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	3827	0.44	ug/L	84
59) 1,2,3-Trichloropropane	10.832	75	3046	0.45	ug/L	96
61) Bromoform	10.298	173	2241	0.46	ug/L #	96
62) 1,3-Dichlorobenzene	11.754	146	9042	0.51	ug/L	95
63) 1,4-Dichlorobenzene	11.844	146	9141	0.51	ug/L	96
65) 1,2-Dichlorobenzene	12.221	146	8498	0.49	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	693	0.47	ug/L #	60
67) 1,3,5-Trichlorobenzene	13.227	180	7913	0.55	ug/L	98
68) 1,2,4-trichlorobenzene	13.851	180	6150	0.52	ug/L	99
69) Naphthalene	14.098	128	8703	0.46	ug/L	96
70) 1,2,3-Trichlorobenzene	14.339	180	5670	0.53	ug/L #	96

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

