

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043110.D
 Acq On : 15 Apr 2021 09:35
 Operator : SY/MD
 Sample : VSTD0.531
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5131

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:18:27 AM

Quant Time: Apr 16 04:05:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 04:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	115897	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	112854	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	59324	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	2565	0.35	ug/L	0.00
7) Chloroethane-d5	1.919	69	2088	0.36	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	1350	0.34	ug/L	0.00
20) 2-Butanone-d5	4.658	46	9792m	3.77	ug/L	0.02
24) Chloroform-d	5.073	84	6131	0.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	5359	0.57	ug/L	0.00
32) Benzene-d6	5.739	84	10784	0.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.703	67	3516	0.40	ug/L	0.00
41) Toluene-d8	7.906	98	13293	0.49	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.192	79	1453	0.35	ug/L	0.00
46) 2-Hexanone-d5	8.652	63	7213	3.62	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	3082	0.39	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	4271	0.40	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	3155	0.31	ug/L #	87
3) Chloromethane	1.523	50	3717	0.38	ug/L	83
5) Vinyl chloride	1.607	62	3637	0.37	ug/L #	51
6) Bromomethane	1.861	94	2067	0.38	ug/L	95
8) Chloroethane	1.935	64	3137	0.52	ug/L #	76
9) Trichlorofluoromethane	2.144	101	6822	0.42	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	3787	0.44	ug/L	96
12) 1,1-Dichloroethene	2.587	96	2841	0.36	ug/L	79
13) Acetone	2.649	43	8943m	4.37	ug/L	
14) Carbon disulfide	2.800	76	7580	0.31	ug/L #	94
15) Methyl Acetate	2.964	43	1737	0.37	ug/L	91
16) Methylene chloride	3.054	84	4863	0.51	ug/L	91
17) Methyl tert-butyl Ether	3.372	73	9584	0.42	ug/L #	92
18) trans-1,2-Dichloroethene	3.359	96	3143	0.38	ug/L	95
19) 1,1-Dichloroethane	3.877	63	7112	0.44	ug/L	98
21) 2-Butanone	4.729	43	13877m	4.07	ug/L	
22) cis-1,2-Dichloroethene	4.677	96	3705	0.41	ug/L	89
23) Bromochloromethane	4.983	128	1623	0.38	ug/L #	71
25) Chloroform	5.099	83	7555	0.44	ug/L	98
27) 1,2-Dichloroethane	5.806	62	5492	0.43	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	6562	0.42	ug/L	95
30) Cyclohexane	5.398	56	5338	0.35	ug/L	89
31) Carbon tetrachloride	5.533	117	5346	0.40	ug/L	100
33) Benzene	5.784	78	13238	0.38	ug/L	100
34) Trichloroethene	6.549	95	4063	0.43	ug/L	81
35) Methylcyclohexane	6.771	83	5164	0.36	ug/L	95
37) 1,2-Dichloropropane	6.800	63	3832	0.41	ug/L #	88
38) Bromodichloromethane	7.115	83	5277	0.43	ug/L	95
39) cis-1,3-Dichloropropene	7.616	75	5531	0.40	ug/L	94
40) 4-Methyl-2-pentanone	7.806	43	32919	3.98	ug/L #	83
42) Toluene	7.976	91	15018	0.40	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	4945	0.39	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	2753	0.40	ug/L	94
47) Tetrachloroethene	8.558	164	2990	0.39	ug/L	94
48) 2-Hexanone	8.697	43	23404	3.85	ug/L #	81
49) Dibromochloromethane	8.819	129	3423	0.39	ug/L	86
50) 1,2-Dibromoethane	8.931	107	2950	0.43	ug/L #	88
51) Chlorobenzene	9.455	112	9583	0.40	ug/L #	88
52) Ethylbenzene	9.578	91	17231	0.40	ug/L	94
53) m,p-Xylene	9.703	106	6262	0.40	ug/L	97
54) o-Xylene	10.108	106	6260	0.41	ug/L	98
55) Styrene	10.121	104	9849	0.38	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.793	83	3570	0.38	ug/L	97
59) Bromoform	10.298	173	1981	0.38	ug/L #	86
60) Isopropylbenzene	10.491	105	16835	0.41	ug/L	96
61) 1,2,3-Trichloropropane	10.832	75	2814	0.41	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	12539	0.36	ug/L	95
63) 1,2,4-Trimethylbenzene	11.478	105	13227	0.37	ug/L	97
64) 1,3-Dichlorobenzene	11.754	146	8182	0.41	ug/L	91
65) 1,4-Dichlorobenzene	11.844	146	8457	0.42	ug/L	97
67) 1,2-Dichlorobenzene	12.224	146	7864	0.41	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.008	75	611	0.37	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.230	180	6713	0.39	ug/L	98
70) 1,2,4-trichlorobenzene	13.851	180	5224	0.37	ug/L	99
71) Naphthalene	14.098	128	7359	0.32	ug/L	98
72) 1,2,3-Trichlorobenzene	14.339	180	4826	0.37	ug/L	97

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

