

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043909.D
 Acq On : 24 May 2021 14:34
 Operator : SY/MD
 Sample : VSTD00533
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005133

Quant Time: May 25 03:41:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 03:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	228330	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	233230	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	132802	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	63397	3.99	ug/L	0.00
7) Chloroethane-d5	1.916	69	48219	4.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	33735	4.90	ug/L	0.00
20) 2-Butanone-d5	4.662	46	202102	59.69	ug/L	0.00
24) Chloroform-d	5.073	84	153697	5.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	77396	5.43	ug/L	0.00
32) Benzene-d6	5.735	84	312485	5.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	96770	5.14	ug/L	0.00
41) Toluene-d8	7.906	98	299734	5.45	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	37651	5.36	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	165454	52.65	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	88228	5.57	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	118332	5.27	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	83881	5.13	ug/L	100
3) Chloromethane	1.523	50	86594	4.58	ug/L	100
5) Vinyl chloride	1.607	62	78003	4.27	ug/L	100
6) Bromomethane	1.858	94	48008	4.38	ug/L	100
8) Chloroethane	1.935	64	44220	4.30	ug/L	100
9) Trichlorofluoromethane	2.141	101	110116	5.02	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	85768	5.56	ug/L	100
12) 1,1-Dichloroethene	2.584	96	83836	5.53	ug/L	100
13) Acetone	2.674	43	121081	57.63	ug/L	100
14) Carbon disulfide	2.797	76	251825	5.06	ug/L	100
15) Methyl Acetate	2.970	43	37489	6.03	ug/L	100
16) Methylene chloride	3.054	84	97509	4.42	ug/L	100
17) Methyl tert-butyl Ether	3.379	73	171720	5.10	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	83007	5.26	ug/L	100
19) 1,1-Dichloroethane	3.880	63	147256	5.21	ug/L	100
21) 2-Butanone	4.742	43	223658	55.91	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	87039	5.27	ug/L	100
23) Bromochloromethane	4.983	128	44746	5.66	ug/L	100
25) Chloroform	5.099	83	156301	5.50	ug/L	100
27) 1,2-Dichloroethane	5.803	62	93194	5.36	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	126434	5.25	ug/L	100
30) Cyclohexane	5.398	56	118164	4.59	ug/L	100
31) Carbon tetrachloride	5.533	117	108875	5.37	ug/L	100
33) Benzene	5.784	78	343476	5.18	ug/L	100
34) Trichloroethene	6.549	95	85998	5.05	ug/L	100
35) Methylcyclohexane	6.771	83	128173	4.91	ug/L	100
37) 1,2-Dichloropropane	6.800	63	88206	5.08	ug/L	100
38) Bromodichloromethane	7.115	83	107254	5.26	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	113981	4.98	ug/L	100
40) 4-Methyl-2-pentanone	7.806	43	522800	48.11	ug/L	100
42) Toluene	7.976	91	377498	5.40	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	101809	5.13	ug/L	100

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45) 1,1,2-Trichloroethane	8.407	97	68497	5.43	ug/L	100
47) Tetrachloroethene	8.558	164	77001	5.52	ug/L	100
48) 2-Hexanone	8.697	43	400087	49.41	ug/L	100
49) Dibromochloromethane	8.816	129	78967	5.56	ug/L	100
50) 1,2-Dibromoethane	8.931	107	64378	5.41	ug/L	100
51) Chlorobenzene	9.452	112	230780	5.26	ug/L	100
52) Ethylbenzene	9.578	91	361328	5.10	ug/L	100
53) m,p-Xylene	9.700	106	147766	5.42	ug/L	100
54) o-Xylene	10.108	106	139044	5.37	ug/L	100
55) Styrene	10.121	104	247073	5.61	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	85620	5.33	ug/L	100
59) Bromoform	10.298	173	48248	5.40	ug/L	100
60) Isopropylbenzene	10.491	105	359722	5.06	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	61931	4.95	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	278331	4.90	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	290789	4.99	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	194708	5.22	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	196713	5.24	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	186304	5.20	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	11666	4.59	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	148132	4.98	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	113227	4.68	ug/L	100
71) Naphthalene	14.092	128	173345	4.13	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	113251	4.89	ug/L	100

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

