

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
 Data File : VU043761.D
 Acq On : 14 May 2021 17:24
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV134

Quant Time: May 15 01:15:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	250426	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	242489	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	133741	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	91532	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.919	69	64727	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.572	65	37831	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.80%
20) 2-Butanone-d5	4.642	46	173345	49.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.74%
24) Chloroform-d	5.073	84	153888	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.710	65	76768	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.739	84	319067	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.700	67	98313	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.906	98	295406	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloroprop...	8.186	79	38492	5.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.60%
46) 2-Hexanone-d5	8.642	63	176047	53.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.30%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	81189	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
66) 1,2-Dichlorobenzene-d4	12.198	152	108222	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	96278	5.28	ug/L	100
3) Chloromethane	1.523	50	109312	5.11	ug/L	99
5) Vinyl chloride	1.607	62	111590	5.25	ug/L	97
6) Bromomethane	1.864	94	62736	5.01	ug/L	96
8) Chloroethane	1.938	64	62467	5.22	ug/L	98
9) Trichlorofluoromethane	2.144	101	130664	5.30	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	87554	5.21	ug/L	99
12) 1,1-Dichloroethene	2.584	96	87521	5.30	ug/L	90
13) Acetone	2.652	43	116330	52.19	ug/L	98
14) Carbon disulfide	2.800	76	289466	5.24	ug/L	99
15) Methyl Acetate	2.964	43	36518	5.51	ug/L	100
16) Methylene chloride	3.054	84	102414	4.18	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	199434	5.33	ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	91648	5.28	ug/L	100
19) 1,1-Dichloroethane	3.880	63	168714	5.38	ug/L	99
21) 2-Butanone	4.723	43	221907	52.06	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	96511	5.29	ug/L	98
23) Bromochloromethane	4.983	128	45649	5.31	ug/L	98
25) Chloroform	5.099	83	165242	5.32	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	101813	5.32	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	137806	5.45	ug/L	98
30) Cyclohexane	5.398	56	153070	5.46	ug/L	100
31) Carbon tetrachloride	5.533	117	114144	5.40	ug/L	99
33) Benzene	5.784	78	385342	5.49	ug/L	100
34) Trichloroethene	6.549	95	96973	5.39	ug/L	98
35) Methylcyclohexane	6.771	83	154181	5.51	ug/L	99
37) 1,2-Dichloropropane	6.800	63	98979	5.39	ug/L	99
38) Bromodichloromethane	7.115	83	117017	5.47	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	133424	5.47	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	651054	55.64	ug/L	99
42) Toluene	7.977	91	410848	5.58	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	114343	5.44	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	71907	5.45	ug/L	99
47) Tetrachloroethene	8.562	164	79967	5.50	ug/L	99
48) 2-Hexanone	8.694	43	483151	55.67	ug/L	99
49) Dibromochloromethane	8.816	129	80637	5.48	ug/L	99
50) 1,2-Dibromoethane	8.931	107	66169	5.34	ug/L	99
51) Chlorobenzene	9.452	112	245475	5.33	ug/L	99
52) Ethylbenzene	9.578	91	413409	5.48	ug/L	100
53) m,p-Xylene	9.700	106	159284	5.55	ug/L	100
54) o-Xylene	10.108	106	155811	5.69	ug/L	99
55) Styrene	10.121	104	265107	5.74	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	89332	5.34	ug/L	100
59) Bromoform	10.298	173	47318	5.25	ug/L	99
60) Isopropylbenzene	10.491	105	406295	5.53	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	66170	5.18	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	326505	5.53	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	338157	5.59	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	201839	5.34	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	201023	5.29	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	190429	5.24	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	13387	5.11	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	158998	5.27	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	125759	5.06	ug/L	98
71) Naphthalene	14.092	128	220077	5.02	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	123763	5.25	ug/L	98

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

