

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062121\
 Data File : VU044254.D
 Acq On : 21 Jun 2021 12:18
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV134

Quant Time: Jun 22 02:11:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 22 01:35:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	162894	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	157876	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	88008	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	45687	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.916	69	43342	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.565	65	23850	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	4.645	46	147905	45.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.08%
24) Chloroform-d	5.070	84	105239	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.710	65	60696	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.735	84	207005	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.700	67	66653	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.906	98	193057	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloroprop...	8.189	79	30777	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.652	63	152995	54.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.00%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	60289	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	78880	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	50162	5.23	ug/L	99
3) Chloromethane	1.523	50	58485	5.27	ug/L	99
5) Vinyl chloride	1.607	62	62572	5.44	ug/L	98
6) Bromomethane	1.861	94	37756	5.11	ug/L	98
8) Chloroethane	1.935	64	41192	5.26	ug/L	99
9) Trichlorofluoromethane	2.134	101	85353	5.31	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	52199	5.41	ug/L	99
12) 1,1-Dichloroethene	2.578	96	50418	5.36	ug/L	96
13) Acetone	2.649	43	86939	59.87	ug/L	94
14) Carbon disulfide	2.793	76	157470	5.44	ug/L	99
15) Methyl Acetate	2.964	43	22971	5.63	ug/L	97
16) Methylene chloride	3.051	84	60528	4.77	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	151485	5.43	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	53806	5.37	ug/L	97
19) 1,1-Dichloroethane	3.877	63	103588	5.42	ug/L	99
21) 2-Butanone	4.726	43	191027	57.90	ug/L	91
22) cis-1,2-Dichloroethene	4.674	96	60203	5.50	ug/L	98
23) Bromochloromethane	4.983	128	26598	5.33	ug/L	97
25) Chloroform	5.096	83	105916	5.20	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	73605	5.42	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	94655	5.32	ug/L	99
30) Cyclohexane	5.395	56	97910	5.34	ug/L	99
31) Carbon tetrachloride	5.530	117	82033	5.41	ug/L	98
33) Benzene	5.780	78	225006	5.43	ug/L	100
34) Trichloroethene	6.549	95	60187	5.37	ug/L	98
35) Methylcyclohexane	6.768	83	99864	5.39	ug/L	100
37) 1,2-Dichloropropane	6.800	63	59837	5.47	ug/L	100
38) Bromodichloromethane	7.115	83	81532	5.30	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	99093	5.52	ug/L	99
40) 4-Methyl-2-pentanone	7.809	43	485432	55.23	ug/L	99
42) Toluene	7.976	91	248537	5.45	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	89964	5.46	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	44367	5.39	ug/L	99
47) Tetrachloroethene	8.558	164	46347	5.59	ug/L	94
48) 2-Hexanone	8.703	43	346274	55.90	ug/L	100
49) Dibromochloromethane	8.819	129	57438	5.50	ug/L	99
50) 1,2-Dibromoethane	8.931	107	43362	5.45	ug/L	99
51) Chlorobenzene	9.456	112	161700	5.54	ug/L	99
52) Ethylbenzene	9.578	91	288599	5.48	ug/L	100
53) m,p-Xylene	9.700	106	110804	5.56	ug/L	99
54) o-Xylene	10.108	106	108177	5.58	ug/L	97
55) Styrene	10.121	104	191626	5.64	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.793	83	60456	5.53	ug/L	98
59) Bromoform	10.301	173	33890	5.44	ug/L	98
60) Isopropylbenzene	10.491	105	296021	5.53	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	44859	5.65	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	257213	5.52	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	264618	5.55	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	135224	5.60	ug/L	100
65) 1,4-Dichlorobenzene	11.845	146	137550	5.65	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	126396	5.56	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.005	75	11364	5.48	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	105998	5.76	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	92333	5.92	ug/L	100
71) Naphthalene	14.092	128	183495	6.50	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	82947	6.16	ug/L	99

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

