

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012521\
 Data File : VU042191.D
 Acq On : 25 Jan 2021 12:00
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV345

Quant Time: Jan 25 17:07:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 25 17:02:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110215	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	104080	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	58120	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27221	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.919	69	23742	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.571	65	15811	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.649	46	132732	51.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.28%
24) Chloroform-d	5.073	84	69594	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.710	65	42497	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.735	84	128344	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.700	67	42303	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.906	98	120988	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloroprop...	8.189	79	20670	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.645	63	93440	50.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.80%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	36655	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	50876	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	48085	4.99	ug/L	97
3) Chloromethane	1.520	50	42051	4.95	ug/L	97
5) Vinyl chloride	1.607	62	41974	4.95	ug/L	99
6) Bromomethane	1.861	94	23333	5.29	ug/L	97
8) Chloroethane	1.938	64	24770	5.06	ug/L	98
9) Trichlorofluoromethane	2.144	101	60653	5.11	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37535	5.02	ug/L	94
12) 1,1-Dichloroethene	2.584	96	35401	5.07	ug/L	90
13) Acetone	2.658	43	88139	50.52	ug/L	73
14) Carbon disulfide	2.800	76	118648	5.01	ug/L	98
15) Methyl Acetate	2.964	43	18882	4.37	ug/L #	88
16) Methylene chloride	3.054	84	40571	4.75	ug/L	86
17) Methyl tert-butyl Ether	3.372	73	101954	5.03	ug/L #	94
18) trans-1,2-Dichloroethene	3.359	96	37525	5.03	ug/L	94
19) 1,1-Dichloroethane	3.880	63	72463	5.02	ug/L	97
21) 2-Butanone	4.726	43	145127	50.51	ug/L	78
22) cis-1,2-Dichloroethene	4.674	96	40483	5.03	ug/L	90
23) Bromochloromethane	4.983	128	18957	5.04	ug/L #	85
25) Chloroform	5.099	83	72968	4.88	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	52389	4.84	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	68030	5.06	ug/L	96
30) Cyclohexane	5.398	56	70647	5.11	ug/L	88
31) Carbon tetrachloride	5.533	117	59403	5.02	ug/L	100
33) Benzene	5.784	78	151674	4.99	ug/L	100
34) Trichloroethene	6.549	95	41213	5.07	ug/L	96
35) Methylcyclohexane	6.771	83	67998	5.16	ug/L	92
37) 1,2-Dichloropropane	6.800	63	40407	5.13	ug/L	99
38) Bromodichloromethane	7.115	83	55248	5.08	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	64529	5.06	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	340079	50.91	ug/L #	87
42) Toluene	7.976	91	163965	5.09	ug/L	100
44) trans-1,3-Dichloropropene	8.221	75	58604	5.06	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	29496	5.06	ug/L	98
47) Tetrachloroethene	8.562	164	33445	4.98	ug/L	95
48) 2-Hexanone	8.697	43	254405	52.71	ug/L #	87
49) Dibromochloromethane	8.819	129	38391	5.08	ug/L	98
50) 1,2-Dibromoethane	8.931	107	29843	5.01	ug/L	99
51) Chlorobenzene	9.455	112	105006	5.07	ug/L	96
52) Ethylbenzene	9.578	91	184707	5.02	ug/L	98
53) m,p-Xylene	9.703	106	71015	5.15	ug/L	96
54) o-Xylene	10.108	106	67284	5.00	ug/L	93
55) Styrene	10.121	104	117295	5.19	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.793	83	37798	5.22	ug/L	99
59) Bromoform	10.301	173	24293	4.99	ug/L	100
60) Isopropylbenzene	10.494	105	186336	5.07	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	28237	5.04	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	156192	5.11	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	157084	5.17	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	90116	5.15	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	89158	5.05	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	83459	5.05	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.008	75	7193	4.91	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	73120	5.12	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	63358	5.39	ug/L	99
71) Naphthalene	14.095	128	112724	5.64	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	57806	5.43	ug/L	98

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

