

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122820\
 Data File : VU041824.D
 Acq On : 28 Dec 2020 12:22
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV203

Quant Time: Dec 29 01:06:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR122820WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 29 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	172946	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	170459	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	85972	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	66597	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.92	69	63502	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.57	65	32665	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	4.65	46	221284	57.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.32%
24) Chloroform-d	5.08	84	127921	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.71	65	70209	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.74	84	260079	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.70	67	82519	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.90	98	236352	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	8.18	79	35535	5.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.00%
46) 2-Hexanone-d5	8.64	63	196237	57.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.82%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	72340	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
66) 1,2-Dichlorobenzene-d4	12.19	152	83377	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	79323	5.011 ug/L	99
3) Chloromethane	1.52	50	77514	5.385 ug/L	99
5) Vinyl chloride	1.61	62	89710	5.087 ug/L	99
6) Bromomethane	1.86	94	61493	5.090 ug/L	99
8) Chloroethane	1.94	64	57307	5.132 ug/L	100
9) Trichlorofluoromethane	2.15	101	123298	5.060 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	68526	4.993 ug/L	97
12) 1,1-Dichloroethene	2.59	96	67982	4.996 ug/L	91
13) Acetone	2.66	43	131558	49.236 ug/L #	39
14) Carbon disulfide	2.80	76	227345	4.990 ug/L	100
15) Methyl Acetate	2.97	43	35232	5.627 ug/L	95
16) Methylene chloride	3.06	84	76635	4.444 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	172666	5.237 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	68618	5.213 ug/L	99
19) 1,1-Dichloroethane	3.89	63	123490	5.285 ug/L	98
21) 2-Butanone	4.73	43	215992	58.564 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	72734	5.320 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	34011	5.123	ug/L	90
25) Chloroform	5.10	83	126384	5.356	ug/L	98
27) 1,2-Dichloroethane	5.81	62	83692	5.450	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	106405	5.219	ug/L	98
30) Cyclohexane	5.40	56	114361	6.090	ug/L	91
31) Carbon tetrachloride	5.54	117	93274	5.165	ug/L	98
33) Benzene	5.78	78	286107	5.631	ug/L	100
34) Trichloroethene	6.55	95	72717	5.474	ug/L	95
35) Methylcyclohexane	6.77	83	118132	5.802	ug/L	96
37) 1,2-Dichloropropane	6.80	63	73023	5.783	ug/L	99
38) Bromodichloromethane	7.11	83	90988	5.488	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	107896	5.699	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	503673	62.317	ug/L	98
42) Toluene	7.97	91	302471	5.643	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	97773	5.643	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	54836	5.363	ug/L	96
47) Tetrachloroethene	8.56	164	52864	5.091	ug/L	97
48) 2-Hexanone	8.69	43	372272	62.987	ug/L	98
49) Dibromochloromethane	8.81	129	64783	5.268	ug/L	96
50) 1,2-Dibromoethane	8.92	107	54568	5.391	ug/L	96
51) Chlorobenzene	9.45	112	187438	5.332	ug/L	96
52) Ethylbenzene	9.57	91	312107	5.588	ug/L	98
53) m,p-Xylene	9.69	106	122951	5.612	ug/L	100
54) o-Xylene	10.10	106	117997	5.654	ug/L	99
55) Styrene	10.11	104	201358	5.604	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.78	83	73411	5.466	ug/L	97
59) Bromoform	10.29	173	37755	5.097	ug/L #	99
60) Isopropylbenzene	10.48	105	314160	5.840	ug/L	98
61) 1,2,3-Trichloropropane	10.82	75	53753	5.569	ug/L	98
62) 1,3,5-Trimethylbenzene	11.09	105	256650	5.812	ug/L	99
63) 1,2,4-Trimethylbenzene	11.46	105	264649	6.036	ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	147147	5.657	ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	145865	5.517	ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	141575	5.473	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	12549	5.648	ug/L	96
69) 1,3,5-Trichlorobenzene	13.21	180	104259	5.348	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	84690	5.955	ug/L	97
71) Naphthalene	14.07	128	157453	6.277	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	82611	6.083	ug/L	99

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

