

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU113020\
 Data File : VU041439.D
 Acq On : 30 Nov 2020 12:09
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV202

Quant Time: Dec 01 01:48:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR113020WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 01 01:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63561	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61149	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	34893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23054	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.92	69	17281	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	65	10613	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.00%
20) 2-Butanone-d5	4.65	46	57211	41.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.32%
24) Chloroform-d	5.08	84	47348	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	29056	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.74	84	76323	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.70	67	22245	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.90	98	74638	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	8.18	79	12513	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.64	63	43693	46.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.56%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	23478	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
66) 1,2-Dichlorobenzene-d4	12.19	152	31673	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	37796	5.419	ug/L	99
3) Chloromethane	1.52	50	25892	4.961	ug/L	99
5) Vinyl chloride	1.61	62	29811	5.541	ug/L	99
6) Bromomethane	1.86	94	17903	5.629	ug/L	95
8) Chloroethane	1.94	64	17791	4.954	ug/L	93
9) Trichlorofluoromethane	2.15	101	55563	5.452	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	24579	5.318	ug/L	96
12) 1,1-Dichloroethene	2.59	96	21286	5.463	ug/L	95
13) Acetone	2.66	43	47426	47.183	ug/L	99
14) Carbon disulfide	2.81	76	57135	5.051	ug/L	98
15) Methyl Acetate	2.97	43	9444	4.623	ug/L	93
16) Methylene chloride	3.06	84	23674	4.820	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	61814	5.170	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	21849	5.350	ug/L	95
19) 1,1-Dichloroethane	3.89	63	42278	5.028	ug/L	98
21) 2-Butanone	4.73	43	63697	43.748	ug/L	93
22) cis-1,2-Dichloroethene	4.68	96	24399	5.383	ug/L	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	12209	5.413	ug/L	87
25) Chloroform	5.11	83	51494	5.189	ug/L	96
27) 1,2-Dichloroethane	5.81	62	36508	4.900	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	48596	5.561	ug/L	98
30) Cyclohexane	5.40	56	31668	5.073	ug/L	91
31) Carbon tetrachloride	5.54	117	45023	5.660	ug/L	99
33) Benzene	5.79	78	88787	5.174	ug/L	100
34) Trichloroethene	6.55	95	26320	5.566	ug/L	97
35) Methylcyclohexane	6.77	83	36154	5.561	ug/L	95
37) 1,2-Dichloropropane	6.80	63	22067	5.058	ug/L #	98
38) Bromodichloromethane	7.11	83	37735	5.450	ug/L	100
39) cis-1,3-Dichloropropene	7.61	75	36716	5.356	ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	151274	47.365	ug/L	97
42) Toluene	7.97	91	100701	5.444	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	36180	5.361	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	18615	5.388	ug/L	96
47) Tetrachloroethene	8.56	164	20816	5.915	ug/L	98
48) 2-Hexanone	8.69	43	114853	46.984	ug/L	97
49) Dibromochloromethane	8.81	129	26342	5.582	ug/L	96
50) 1,2-Dibromoethane	8.93	107	18521	5.490	ug/L	96
51) Chlorobenzene	9.45	112	68402	5.683	ug/L	96
52) Ethylbenzene	9.57	91	115932	5.541	ug/L	96
53) m,p-Xylene	9.69	106	42531	5.636	ug/L	94
54) o-Xylene	10.10	106	42756	5.866	ug/L	96
55) Styrene	10.11	104	77512	6.040	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.78	83	26534	5.793	ug/L	99
59) Bromoform	10.29	173	15296	5.377	ug/L	97
60) Isopropylbenzene	10.48	105	123603	5.739	ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	19881	5.309	ug/L	96
62) 1,3,5-Trimethylbenzene	11.09	105	104906	5.692	ug/L	99
63) 1,2,4-Trimethylbenzene	11.47	105	109239	5.839	ug/L	98
64) 1,3-Dichlorobenzene	11.74	146	60060	5.600	ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	61793	5.686	ug/L	98
67) 1,2-Dichlorobenzene	12.21	146	56726	5.408	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.99	75	5395	5.271	ug/L	93
69) 1,3,5-Trichlorobenzene	13.21	180	46698	5.736	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	39953	5.897	ug/L	98
71) Naphthalene	14.08	128	69021	6.158	ug/L	98
72) 1,2,3-Trichlorobenzene	14.32	180	35440	5.832	ug/L	98

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

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