

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101320\
 Data File : VU040673.D
 Acq On : 13 Oct 2020 10:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: Oct 14 05:58:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 13 16:07:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129830	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127636	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67410	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46458	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.92	69	39554	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.58	63	97677	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.80%
20) 2-Butanone-d5	4.66	46	193176	56.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.22%
24) Chloroform-d	5.08	84	99294	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.72	65	58560	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	177794	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.70	67	60191	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.90	98	159246	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	8.19	79	25661	5.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.00%
46) 2-Hexanone-d5	8.64	63	142079	56.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56592	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	61977	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	61216	5.204	ug/L 99
3) Chloromethane	1.53	50	52517	4.774	ug/L 96
5) Vinyl chloride	1.61	62	55633	4.802	ug/L 99
6) Bromomethane	1.87	94	28143	4.474	ug/L 95
8) Chloroethane	1.94	64	35899	4.867	ug/L 95
9) Trichlorofluoromethane	2.15	101	84490	5.079	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	55698	5.157	ug/L 98
12) 1,1-Dichloroethene	2.59	96	47067	5.081	ug/L 95
13) Acetone	2.67	43	136534	51.166	ug/L 96
14) Carbon disulfide	2.81	76	117641	4.537	ug/L 98
15) Methyl Acetate	2.97	43	31229	5.125	ug/L 100
16) Methylene chloride	3.06	84	56577	4.757	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	132842	5.071	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	46895	4.836	ug/L 99
19) 1,1-Dichloroethane	3.89	63	103705	5.171	ug/L 99
21) 2-Butanone	4.74	43	218880	52.612	ug/L 99
22) cis-1,2-Dichloroethene	4.68	96	54225	5.185	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	26540	5.108	ug/L	92
25) Chloroform	5.11	83	110830	5.413	ug/L	97
27) 1,2-Dichloroethane	5.81	62	74283	5.126	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	92053	5.367	ug/L	99
30) Cyclohexane	5.40	56	77130	4.880	ug/L	99
31) Carbon tetrachloride	5.54	117	77383	5.272	ug/L	98
33) Benzene	5.79	78	213203	5.199	ug/L	100
34) Trichloroethene	6.55	95	54882	5.163	ug/L	98
35) Methylcyclohexane	6.77	83	73061	4.847	ug/L	99
37) 1,2-Dichloropropane	6.80	63	61450	5.378	ug/L	99
38) Bromodichloromethane	7.11	83	78328	5.363	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	81407	5.215	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	490544	53.854	ug/L	99
42) Toluene	7.98	91	228889	5.478	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	75922	5.283	ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	44856	5.242	ug/L	98
47) Tetrachloroethene	8.56	164	40609	5.355	ug/L	97
48) 2-Hexanone	8.69	43	374304	55.193	ug/L	100
49) Dibromochloromethane	8.82	129	54589	5.544	ug/L	97
50) 1,2-Dibromoethane	8.93	107	42033	5.178	ug/L	98
51) Chlorobenzene	9.45	112	146706	5.330	ug/L	97
52) Ethylbenzene	9.57	91	236303	5.226	ug/L	98
53) m,p-Xylene	9.70	106	91689	5.563	ug/L	99
54) o-Xylene	10.10	106	85174	5.373	ug/L	99
55) Styrene	10.11	104	158557	5.760	ug/L	99
56) Isopropylbenzene	10.48	105	235152	5.511	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	60519	5.387	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	43674	5.204	ug/L	99
61) Bromoform	10.29	173	29662	5.133	ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	118674	5.379	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	120077	5.278	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	114541	5.310	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9381	4.967	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	80586	5.148	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	64278	5.314	ug/L	96
69) Naphthalene	14.08	128	99364	5.022	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	60698	5.404	ug/L	99

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

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