

Data File : VU038132.D
Acq On : 12 May 2020 18:17
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

Quant Time: May 13 01:17:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 01:13:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	376606	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	368093	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	185211	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	172876	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.93	69	139871	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.59	63	270477	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	4.67	46	487297	57.33	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.66%
24) Chloroform-d	5.10	84	247790	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.74	65	148163	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.76	84	537500	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	175681	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.92	98	499734	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	8.20	79	74014	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.65	63	369677	54.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	149006	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	182476	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	156419	4.541 ug/L	97
3) Chloromethane	1.53	50	178483	4.300 ug/L	97
5) Vinyl chloride	1.62	62	184059	4.525 ug/L	100
6) Bromomethane	1.88	94	97279	4.201 ug/L	99
8) Chloroethane	1.95	64	111094	4.441 ug/L	97
9) Trichlorofluoromethane	2.16	101	191847	4.613 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	120158	4.661 ug/L	98
12) 1,1-Dichloroethene	2.61	96	118881	4.549 ug/L	95
13) Acetone	2.67	43	285172	53.479 ug/L	98
14) Carbon disulfide	2.82	76	394590	4.232 ug/L	99
15) Methyl Acetate	2.98	43	72514	4.861 ug/L	99
16) Methylene chloride	3.08	84	138325	4.541 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	339503	4.675 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	130225	4.564 ug/L	97
19) 1,1-Dichloroethane	3.91	63	253242	4.544 ug/L	100
21) 2-Butanone	4.75	43	505337	53.691 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	142949	4.649 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	62752	4.742	ug/L	94
25) Chloroform	5.13	83	248036	4.772	ug/L	97
27) 1,2-Dichloroethane	5.83	62	176171	4.801	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	197409	4.681	ug/L	100
30) Cyclohexane	5.42	56	236133	4.742	ug/L	98
31) Carbon tetrachloride	5.56	117	158273	4.669	ug/L	97
33) Benzene	5.81	78	549907	4.665	ug/L	100
34) Trichloroethene	6.57	95	137848	4.676	ug/L	98
35) Methylcyclohexane	6.79	83	227462	4.763	ug/L	97
37) 1,2-Dichloropropane	6.82	63	146679	4.581	ug/L	100
38) Bromodichloromethane	7.13	83	172005	4.647	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	222241	4.850	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	1146390	51.661	ug/L	99
42) Toluene	7.99	91	582781	4.684	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	185917	4.771	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	108649	4.887	ug/L	98
47) Tetrachloroethene	8.57	164	98175	4.761	ug/L	97
48) 2-Hexanone	8.71	43	868988	53.473	ug/L	100
49) Dibromochloromethane	8.83	129	111163	4.818	ug/L	98
50) 1,2-Dibromoethane	8.94	107	102323	4.959	ug/L	100
51) Chlorobenzene	9.47	112	364376	4.719	ug/L	99
52) Ethylbenzene	9.59	91	635371	4.714	ug/L	100
53) m,p-Xylene	9.71	106	246028	4.760	ug/L	97
54) o-Xylene	10.11	106	240820	4.819	ug/L	99
55) Styrene	10.13	104	400507	4.774	ug/L	98
56) Isopropylbenzene	10.50	105	619704	4.828	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	143581	5.086	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	110137	5.125	ug/L	100
61) Bromoform	10.31	173	61384	4.903	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	286426	4.753	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	282132	4.620	ug/L	97
65) 1,2-Dichlorobenzene	12.22	146	271940	4.691	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	23242	4.905	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	210436	4.812	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	194217	4.897	ug/L	100
69) Naphthalene	14.11	128	418876	5.017	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	181521	4.924	ug/L	99

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

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