

Data File : VU039875.D
Acq On : 14 Aug 2020 22:33
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

Quant Time: Aug 17 07:41:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71332	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	71053	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37425	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18143	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.92	69	18639	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.58	63	40788	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	4.66	46	82488	48.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	5.08	84	46662	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.72	65	25910	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.74	84	77392	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.70	67	27776	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.91	98	67335	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.19	79	10516	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.64	63	60243	50.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26050	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	30437	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	30826	5.359	ug/L 99
3) Chloromethane	1.52	50	35244	5.826	ug/L 97
5) Vinyl chloride	1.61	62	34524	5.953	ug/L 99
6) Bromomethane	1.86	94	18536	5.050	ug/L 98
8) Chloroethane	1.94	64	20268	4.766	ug/L 94
9) Trichlorofluoromethane	2.15	101	48799	5.410	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	27223	5.562	ug/L 94
12) 1,1-Dichloroethene	2.59	96	24990	5.873	ug/L 90
13) Acetone	2.66	43	47898	47.958	ug/L 97
14) Carbon disulfide	2.80	76	84707	6.367	ug/L 97
15) Methyl Acetate	2.97	43	13505	5.483	ug/L 98
16) Methylene chloride	3.06	84	35277	5.142	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	62439	5.526	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	26075	5.504	ug/L 97
19) 1,1-Dichloroethane	3.89	63	47955	5.483	ug/L 98
21) 2-Butanone	4.74	43	82823	52.622	ug/L 98
22) cis-1,2-Dichloroethene	4.68	96	26596	5.162	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	13415	5.543	ug/L	96
25) Chloroform	5.11	83	49185	5.232	ug/L	91
27) 1,2-Dichloroethane	5.81	62	33833	5.222	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	42582	5.373	ug/L	97
30) Cyclohexane	5.40	56	41269	5.411	ug/L	96
31) Carbon tetrachloride	5.54	117	39176	5.387	ug/L	99
33) Benzene	5.79	78	107293	5.542	ug/L	100
34) Trichloroethene	6.55	95	28159	5.601	ug/L	91
35) Methylcyclohexane	6.78	83	41966	5.230	ug/L	92
37) 1,2-Dichloropropane	6.80	63	28257	5.495	ug/L #	97
38) Bromodichloromethane	7.12	83	35515	5.279	ug/L	95
39) cis-1,3-Dichloropropene	7.61	75	37458	5.342	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	203563	52.978	ug/L	99
42) Toluene	7.98	91	108509	5.334	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	33787	5.348	ug/L	92
45) 1,1,2-Trichloroethane	8.41	97	20195	5.222	ug/L	94
47) Tetrachloroethene	8.56	164	20788	5.012	ug/L	94
48) 2-Hexanone	8.69	43	147589	53.191	ug/L	98
49) Dibromochloromethane	8.82	129	24381	5.137	ug/L	98
50) 1,2-Dibromoethane	8.93	107	19450	5.128	ug/L	94
51) Chlorobenzene	9.45	112	69979	5.119	ug/L	97
52) Ethylbenzene	9.57	91	114405	5.025	ug/L	99
53) m,p-Xylene	9.69	106	44797	5.166	ug/L	90
54) o-Xylene	10.10	106	43825	5.162	ug/L	90
55) Styrene	10.11	104	76540	5.353	ug/L	97
56) Isopropylbenzene	10.48	105	113669	5.009	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.78	83	25866	4.861	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	18886	5.092	ug/L	99
61) Bromoform	10.29	173	13661	5.402	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	58656	5.355	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	59570	5.159	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	56002	5.189	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4466	5.474	ug/L	88
67) 1,3,5-Trichlorobenzene	13.21	180	43867	5.284	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	37074	5.329	ug/L	97
69) Naphthalene	14.08	128	62405	5.017	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	34417	5.514	ug/L	98

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

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