

Data File : VU039822.D
Acq On : 10 Aug 2020 13:39
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

Quant Time: Aug 11 01:14:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 10 09:26:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	80262	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76569	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41236	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23539	5.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	1.92	69	21581	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.58	63	46030	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	4.65	46	74780	39.23	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.46%
24) Chloroform-d	5.08	84	47354	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.72	65	26921	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	5.74	84	88816	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.70	67	28418	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.90	98	79136	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	8.18	79	11222	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.64	63	53388	41.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25943	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	33922	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	31277	4.833	ug/L 99
3) Chloromethane	1.53	50	30761	4.519	ug/L 98
5) Vinyl chloride	1.61	62	31761	4.867	ug/L 95
6) Bromomethane	1.86	94	15604	3.779	ug/L 96
8) Chloroethane	1.94	64	21202	4.431	ug/L 95
9) Trichlorofluoromethane	2.14	101	49782	4.905	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	27864	5.060	ug/L 92
12) 1,1-Dichloroethene	2.59	96	24449	5.107	ug/L 93
13) Acetone	2.65	43	52366	46.598	ug/L 96
14) Carbon disulfide	2.80	76	65435	4.371	ug/L 100
15) Methyl Acetate	2.96	43	12931	4.666	ug/L 97
16) Methylene chloride	3.06	84	32991	4.274	ug/L 99
17) Methyl tert-butyl Ether	3.38	73	62973	4.953	ug/L 98
18) trans-1,2-Dichloroethene	3.37	96	25230	4.733	ug/L 96
19) 1,1-Dichloroethane	3.89	63	48177	4.896	ug/L 96
21) 2-Butanone	4.73	43	84102	47.489	ug/L 96
22) cis-1,2-Dichloroethene	4.68	96	28693	4.949	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	13327	4.894	ug/L	94
25) Chloroform	5.11	83	53360	5.044	ug/L	95
27) 1,2-Dichloroethane	5.81	62	34894	4.787	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	44297	5.186	ug/L	98
30) Cyclohexane	5.40	56	38908	4.734	ug/L	100
31) Carbon tetrachloride	5.54	117	39930	5.095	ug/L	99
33) Benzene	5.79	78	104735	5.020	ug/L	100
34) Trichloroethene	6.55	95	27014	4.986	ug/L	97
35) Methylcyclohexane	6.77	83	40083	4.635	ug/L	96
37) 1,2-Dichloropropane	6.80	63	27083	4.888	ug/L	99
38) Bromodichloromethane	7.11	83	37434	5.164	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	37564	4.971	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	196647	47.491	ug/L	99
42) Toluene	7.97	91	109488	4.994	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	34567	5.077	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	20366	4.886	ug/L	89
47) Tetrachloroethene	8.56	164	21714	4.858	ug/L	94
48) 2-Hexanone	8.69	43	143347	47.941	ug/L	99
49) Dibromochloromethane	8.81	129	25946	5.073	ug/L	97
50) 1,2-Dibromoethane	8.93	107	20176	4.937	ug/L	99
51) Chlorobenzene	9.45	112	73752	5.006	ug/L	96
52) Ethylbenzene	9.57	91	118436	4.827	ug/L	100
53) m,p-Xylene	9.69	106	45703	4.891	ug/L	91
54) o-Xylene	10.10	106	45090	4.928	ug/L	93
55) Styrene	10.11	104	79515	5.161	ug/L	97
56) Isopropylbenzene	10.48	105	121566	4.971	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	26322	4.590	ug/L	93
59) 1,2,3-Trichloropropane	10.82	75	19140	4.789	ug/L	99
61) Bromoform	10.29	173	13439	4.823	ug/L	90
62) 1,3-Dichlorobenzene	11.74	146	62974	5.218	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	61960	4.870	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	58703	4.937	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4614	5.133	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	45642	4.990	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	39007	5.089	ug/L	100
69) Naphthalene	14.08	128	78222	5.708	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	39572	5.754	ug/L	100

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

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