

Data File : VU039859.D
Acq On : 14 Aug 2020 14:20
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

Quant Time: Aug 17 05:04:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 14 17:21:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	82244	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41349	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18470	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.92	69	19312	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.58	63	40057	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.60%
20) 2-Butanone-d5	4.65	46	86000	44.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.06%
24) Chloroform-d	5.08	84	47312	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.72	65	27504	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.74	84	81204	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	28407	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.90	98	67810	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.18	79	11411	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.64	63	62433	48.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26031	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	32865	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	30784	4.642	ug/L 97
3) Chloromethane	1.53	50	34198	4.903	ug/L 96
5) Vinyl chloride	1.61	62	33962	5.079	ug/L 95
6) Bromomethane	1.86	94	17500	4.136	ug/L 97
8) Chloroethane	1.94	64	20981	4.279	ug/L 98
9) Trichlorofluoromethane	2.15	101	49996	4.808	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	27970	4.957	ug/L 96
12) 1,1-Dichloroethene	2.59	96	24894	5.074	ug/L 92
13) Acetone	2.66	43	53634	46.576	ug/L 97
14) Carbon disulfide	2.80	76	82922	5.406	ug/L 98
15) Methyl Acetate	2.97	43	13696	4.822	ug/L 98
16) Methylene chloride	3.06	84	34520	4.364	ug/L 97
17) Methyl tert-butyl Ether	3.38	73	63067	4.841	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	27058	4.954	ug/L 96
19) 1,1-Dichloroethane	3.89	63	47308	4.692	ug/L 97
21) 2-Butanone	4.73	43	86003	47.392	ug/L 100
22) cis-1,2-Dichloroethene	4.68	96	28077	4.726	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	13183	4.725	ug/L	77
25) Chloroform	5.11	83	50302	4.641	ug/L	94
27) 1,2-Dichloroethane	5.81	62	35330	4.730	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	44272	5.164	ug/L	95
30) Cyclohexane	5.40	56	44099	5.345	ug/L	96
31) Carbon tetrachloride	5.54	117	39060	4.965	ug/L	98
33) Benzene	5.79	78	108038	5.159	ug/L	100
34) Trichloroethene	6.55	95	27004	4.965	ug/L	97
35) Methylcyclohexane	6.77	83	45576	5.250	ug/L	96
37) 1,2-Dichloropropane	6.80	63	27815	5.001	ug/L	99
38) Bromodichloromethane	7.11	83	35677	4.903	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	39861	5.255	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	201098	48.382	ug/L	99
42) Toluene	7.97	91	110636	5.027	ug/L	96
44) trans-1,3-Dichloropropene	8.21	75	36498	5.341	ug/L #	83
45) 1,1,2-Trichloroethane	8.40	97	19977	4.775	ug/L	88
47) Tetrachloroethene	8.56	164	22060	4.917	ug/L	94
48) 2-Hexanone	8.69	43	145998	48.643	ug/L	99
49) Dibromochloromethane	8.81	129	24432	4.759	ug/L	94
50) 1,2-Dibromoethane	8.93	107	19793	4.825	ug/L	99
51) Chlorobenzene	9.45	112	71833	4.858	ug/L	98
52) Ethylbenzene	9.57	91	121509	4.933	ug/L	97
53) m,p-Xylene	9.69	106	47303	5.043	ug/L	93
54) o-Xylene	10.10	106	45878	4.995	ug/L	97
55) Styrene	10.11	104	78195	5.056	ug/L	99
56) Isopropylbenzene	10.48	105	119730	4.878	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	26041	4.524	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	18109	4.514	ug/L	95
61) Bromoform	10.29	173	13513	4.837	ug/L	94
62) 1,3-Dichlorobenzene	11.74	146	60622	5.009	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	62074	4.866	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	58045	4.868	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	4631	5.138	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	46321	5.050	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	41287	5.372	ug/L	96
69) Naphthalene	14.08	128	76036	5.533	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	39610	5.744	ug/L	97

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

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