

Data File : VU030536.D
Acq On : 29 Mar 2019 11:13
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV06

Quant Time: Mar 30 01:11:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 30 00:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	224343	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	223587	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105313	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85988	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.68	69	69932	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.27	63	174664	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	4.22	46	225475	51.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.08%
24) Chloroform-d	4.65	84	150014	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.31	65	74639	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.34	84	291638	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.33	67	94836	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.56	98	259003	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	36096	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.31	63	162084	50.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	69408	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	85694	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	120384	4.817 ug/L	100
3) Chloromethane	1.32	50	137791	4.703 ug/L	99
5) Vinyl chloride	1.40	62	129962	4.841 ug/L	97
6) Bromomethane	1.63	94	64351	4.900 ug/L	98
8) Chloroethane	1.70	64	72876	4.772 ug/L	100
9) Trichlorofluoromethane	1.88	101	149263	4.906 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	82862	4.897 ug/L	99
12) 1,1-Dichloroethene	2.28	96	78429	4.791 ug/L	97
13) Acetone	2.36	43	167755	49.118 ug/L	100
14) Carbon disulfide	2.48	76	278052	4.844 ug/L	99
15) Methyl Acetate	2.63	43	43633	4.945 ug/L	100
16) Methylene chloride	2.70	84	90822	4.759 ug/L	100
17) Methyl tert-butyl Ether	3.00	73	213034	4.861 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	84626	4.897 ug/L	95
19) 1,1-Dichloroethane	3.44	63	174816	4.782 ug/L	99
21) 2-Butanone	4.30	43	273896	50.602 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	89369	4.849 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	35922	4.879	ug/L	96
25) Chloroform	4.67	83	157439	4.724	ug/L	98
27) 1,2-Dichloroethane	5.40	62	101217	4.681	ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	131538	4.618	ug/L	99
30) Cyclohexane	4.99	56	162719	4.732	ug/L	99
31) Carbon tetrachloride	5.13	117	112267	4.695	ug/L	98
33) Benzene	5.38	78	359962	4.759	ug/L	100
34) Trichloroethene	6.18	95	87420	4.617	ug/L	97
35) Methylcyclohexane	6.41	83	142301	4.709	ug/L	99
37) 1,2-Dichloropropane	6.43	63	97850	4.701	ug/L	100
38) Bromodichloromethane	6.76	83	113040	4.651	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	133001	4.778	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	643868	49.587	ug/L	100
42) Toluene	7.63	91	366965	4.838	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	104613	4.855	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	58551	4.717	ug/L	96
47) Tetrachloroethene	8.22	164	63627	4.791	ug/L	96
48) 2-Hexanone	8.36	43	468222	52.043	ug/L	99
49) Dibromochloromethane	8.47	129	68957	4.646	ug/L	92
50) 1,2-Dibromoethane	8.58	107	57024	4.929	ug/L	93
51) Chlorobenzene	9.12	112	218551	4.672	ug/L	99
52) Ethylbenzene	9.25	91	394803	4.880	ug/L	99
53) m,p-Xylene	9.37	106	141346	5.002	ug/L	100
54) o-Xylene	9.77	106	137811	4.973	ug/L	97
55) Styrene	9.79	104	234867	5.023	ug/L	99
56) Isopropylbenzene	10.16	105	364949	4.930	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	77655	4.706	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	52919	4.550	ug/L	97
61) Bromoform	9.96	173	36473	4.573	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	159286	4.794	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	163694	4.699	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	154890	4.790	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	12026	4.807	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	125069	5.044	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	102978	5.378	ug/L	97
69) Naphthalene	13.74	128	203294	6.611	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	102229	5.729	ug/L	100

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

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