

Data File : VU032098.D
Acq On : 17 May 2019 12:23
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 61 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00503

Quant Time: May 30 01:13:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 29 09:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	375862	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	386472	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	173005	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	126940	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.68	69	120800	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.27	63	215686	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	4.19	46	286043	46.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.04%
24) Chloroform-d	4.64	84	258123	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.31	65	127517	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.33	84	523352	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.33	67	155363	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.56	98	479025	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.85	79	57857	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.31	63	272431	48.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	134805	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	175742	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	93940	4.994 ug/L	98
3) Chloromethane	1.32	50	75167	4.164 ug/L	98
5) Vinyl chloride	1.40	62	91072	4.802 ug/L	98
6) Bromomethane	1.62	94	28877	2.641 ug/L	98
8) Chloroethane	1.69	64	51117	4.346 ug/L	98
9) Trichlorofluoromethane	1.88	101	123424	5.304 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	78627	5.099 ug/L	96
12) 1,1-Dichloroethene	2.28	96	76406	5.062 ug/L	78
13) Acetone	2.33	43	88289	43.266 ug/L	97
14) Carbon disulfide	2.47	76	238306	4.950 ug/L	98
15) Methyl Acetate	2.62	43	22577	3.859 ug/L	96
16) Methylene chloride	2.69	84	80720	4.480 ug/L	96
17) Methyl tert-butyl Ether	3.00	73	171446	4.831 ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	85350	5.283 ug/L	95
19) 1,1-Dichloroethane	3.44	63	123889	4.834 ug/L	97
21) 2-Butanone	4.28	43	132327	45.178 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	80509	5.065 ug/L	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	35399	5.190	ug/L	93
25) Chloroform	4.67	83	137345	5.011	ug/L	100
27) 1,2-Dichloroethane	5.40	62	78755	4.976	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	109668	4.864	ug/L	99
30) Cyclohexane	4.98	56	94244	4.545	ug/L	96
31) Carbon tetrachloride	5.12	117	101014	5.269	ug/L	99
33) Benzene	5.38	78	302552	5.098	ug/L	100
34) Trichloroethene	6.18	95	77666	4.825	ug/L	97
35) Methylcyclohexane	6.40	83	108111	4.664	ug/L	98
37) 1,2-Dichloropropane	6.43	63	70144	4.834	ug/L	99
38) Bromodichloromethane	6.75	83	91776	4.945	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	97767	4.873	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	305559	45.428	ug/L	97
42) Toluene	7.63	91	325400	5.236	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	78893	5.057	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	55695	5.196	ug/L	99
47) Tetrachloroethene	8.22	164	64777	5.383	ug/L	90
48) 2-Hexanone	8.36	43	246456	47.238	ug/L	98
49) Dibromochloromethane	8.47	129	63535	5.144	ug/L	97
50) 1,2-Dibromoethane	8.58	107	50620	4.928	ug/L	95
51) Chlorobenzene	9.12	112	200535	5.108	ug/L	92
52) Ethylbenzene	9.24	91	310244	4.976	ug/L	99
53) m,p-Xylene	9.37	106	117897	4.978	ug/L	99
54) o-Xylene	9.77	106	116450	5.101	ug/L	95
55) Styrene	9.79	104	196572	5.078	ug/L	97
56) Isopropylbenzene	10.16	105	291999	5.005	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	64493	4.823	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	42514	4.613	ug/L	95
61) Bromoform	9.95	173	35741	5.383	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	142595	5.173	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	146914	5.121	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	146094	5.224	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	8492	4.653	ug/L #	76
67) 1,3,5-Trichlorobenzene	12.88	180	108643	5.295	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	78735	5.305	ug/L	97
69) Naphthalene	13.74	128	107770	4.885	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	78775	5.471	ug/L	97

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

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