Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100419\
Data File : VU034947.D
Acq On : 04 Oct 2019 20:28
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Oct 05 00:36:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	194779	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	195862	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	97167	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	67722	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.67	69	56914	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.20%			
11) 1,1-Dichloroethene-d2	2.26	63	111095	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.00%			
20) 2-Butanone-d5	4.16	46	174640	44.49	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.98%			
24) Chloroform-d	4.62	84	116318	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.29	65	64759	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
32) Benzene-d6	5.32	84	235570	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	6.31	67	77904	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.54	98	228230	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
43) trans-1,3-Dichloropropene-	7.83	79	26803	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
46) 2-Hexanone-d5	8.29	63	133588	45.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.24%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	64985	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
64) 1,2-Dichlorobenzene-d4	11.84	152	82801	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	52418	4.602	ug/L	98
3) Chloromethane	1.32	50	40570	4.313	ug/L	97
5) Vinyl chloride	1.40	62	49557	4.869	ug/L	100
6) Bromomethane	1.62	94	21781	4.388	ug/L	97
8) Chloroethane	1.69	64	30595	5.277	ug/L	100
9) Trichlorofluoromethane	1.88	101	69977	5.031	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	43942	5.083	ug/L	94
12) 1,1-Dichloroethene	2.27	96	33876	5.181	ug/L	77
13) Acetone	2.31	43	119561	41.611	ug/L	94
14) Carbon disulfide	2.46	76	52391	4.818	ug/L	100
15) Methyl Acetate	2.60	43	26366	4.372	ug/L	97
16) Methylene chloride	2.68	84	48693	4.720	ug/L	89
17) Methyl tert-butyl Ether	2.98	73	141890	4.916	ug/L	95
18) trans-1,2-Dichloroethene	2.96	96	34328	5.109	ug/L	91
19) 1,1-Dichloroethane	3.42	63	97466	4.687	ug/L	97
21) 2-Butanone	4.25	43	173313	40.059	ug/L	86
22) cis-1,2-Dichloroethene	4.20	96	50677	4.921	ug/L	93

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	22105	5.260 ug/L	92
25) Chloroform	4.65	83	111623	4.461 ug/L	96
27) 1,2-Dichloroethane	5.39	62	63752	4.325 ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	82650	4.590 ug/L	96
30) Cyclohexane	4.97	56	56549	4.218 ug/L	95
31) Carbon tetrachloride	5.11	117	64097	4.592 ug/L	99
33) Benzene	5.37	78	187400	4.764 ug/L	100
34) Trichloroethene	6.16	95	48093	4.621 ug/L	91
35) Methylcyclohexane	6.39	83	58478	4.500 ug/L	94
37) 1,2-Dichloropropane	6.41	63	61894	4.606 ug/L	100
38) Bromodichloromethane	6.74	83	75827	4.520 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	76746	4.435 ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	461152	39.598 ug/L	94
42) Toluene	7.61	91	206164	4.797 ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	62460	4.298 ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	45896	4.850 ug/L	95
47) Tetrachloroethene	8.21	164	35372	5.132 ug/L	98
48) 2-Hexanone	8.34	43	319343	41.325 ug/L	94
49) Dibromochloromethane	8.45	129	53220	4.963 ug/L	97
50) 1,2-Dibromoethane	8.57	107	37065	4.855 ug/L	98
51) Chlorobenzene	9.10	112	145929	5.014 ug/L	96
52) Ethylbenzene	9.23	91	236494	4.624 ug/L	96
53) m,p-Xylene	9.35	106	83303	4.672 ug/L	97
54) o-Xylene	9.76	106	89026	4.717 ug/L	91
55) Styrene	9.77	104	155642	4.851 ug/L	92
56) Isopropylbenzene	10.14	105	251591	4.652 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.43	83	68243	4.914 ug/L	97
59) 1,2,3-Trichloropropane	10.47	75	44910	4.673 ug/L	99
61) Bromoform	9.94	173	29383	4.870 ug/L	97
62) 1,3-Dichlorobenzene	11.40	146	122462	4.883 ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	121066	4.697 ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	122831	4.774 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	8479	4.385 ug/L	95
67) 1,3,5-Trichlorobenzene	12.86	180	95807	5.207 ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	65838	5.010 ug/L	97
69) Naphthalene	13.73	128	92995	4.215 ug/L	98
70) 1,2,3-Trichlorobenzene	13.97	180	66986	5.078 ug/L	98

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

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