Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070820\
Data File : VU039384.D
Acq On : 09 Jul 2020 06:34
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Jul 09 07:50:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 09 05:48:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	86767	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	81734	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38124	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	21588	4.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.80%			
7) Chloroethane-d5	1.92	69	28971	5.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.60%			
11) 1,1-Dichloroethene-d2	2.58	63	43289	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.60%			
20) 2-Butanone-d5	4.65	46	163056	70.86	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 141.72%#			
24) Chloroform-d	5.09	84	59115	5.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.40%			
26) 1,2-Dichloroethane-d4	5.72	65	40812	6.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 121.40%			
32) Benzene-d6	5.75	84	102055	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
36) 1,2-Dichloropropane-d6	6.70	67	38377	5.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.00%			
41) Toluene-d8	7.91	98	76390	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloropropene-	8.19	79	15418	5.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.00%			
46) 2-Hexanone-d5	8.64	63	120930	66.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 133.56%#			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42399	6.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 123.80%#			
64) 1,2-Dichlorobenzene-d4	12.19	152	34075	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	22877	4.350	ug/L	97
3) Chloromethane	1.53	50	32969	5.174	ug/L	99
5) Vinyl chloride	1.61	62	32768	4.632	ug/L	100
6) Bromomethane	1.87	94	14910	4.894	ug/L	98
8) Chloroethane	1.94	64	27655	5.410	ug/L	98
9) Trichlorofluoromethane	2.15	101	52647	4.285	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	23060	4.574	ug/L	97
12) 1,1-Dichloroethene	2.59	96	24580	4.763	ug/L	92
13) Acetone	2.66	43	71442	57.522	ug/L	100
14) Carbon disulfide	2.81	76	82092	4.516	ug/L	98
15) Methyl Acetate	2.97	43	18816	5.735	ug/L	97
16) Methylene chloride	3.06	84	34240	5.275	ug/L	91
17) Methyl tert-butyl Ether	3.38	73	94152	5.791	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	28159	4.929	ug/L	94
19) 1,1-Dichloroethane	3.89	63	59844	5.354	ug/L	97
21) 2-Butanone	4.73	43	129933	58.613	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	34348	5.362	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	17078	5.869	ug/L		96
25) Chloroform	5.11	83	64715	5.733	ug/L		99
27) 1,2-Dichloroethane	5.81	62	47561	5.825	ug/L		100
29) 1,1,1-Trichloroethane	5.34	97	47938	4.980	ug/L		98
30) Cyclohexane	5.41	56	43068	4.249	ug/L		98
31) Carbon tetrachloride	5.54	117	38638	4.704	ug/L		96
33) Benzene	5.79	78	127272	5.208	ug/L		100
34) Trichloroethene	6.56	95	31130	4.928	ug/L		94
35) Methylcyclohexane	6.78	83	42177	4.167	ug/L		99
37) 1,2-Dichloropropane	6.81	63	36526	5.483	ug/L		100
38) Bromodichloromethane	7.12	83	46617	5.480	ug/L		96
39) cis-1,3-Dichloropropene	7.62	75	50958	5.060	ug/L		100
40) 4-Methyl-2-pentanone	7.80	43	316666	56.984	ug/L		99
42) Toluene	7.98	91	126681	4.841	ug/L		96
44) trans-1,3-Dichloropropene	8.22	75	45317	5.073	ug/L		97
45) 1,1,2-Trichloroethane	8.41	97	27676	5.784	ug/L		95
47) Tetrachloroethene	8.56	164	19990	4.549	ug/L		98
48) 2-Hexanone	8.69	43	227396	55.497	ug/L		99
49) Dibromochloromethane	8.82	129	31587	5.450	ug/L		98
50) 1,2-Dibromoethane	8.93	107	26231	5.396	ug/L	#	96
51) Chlorobenzene	9.45	112	78876	4.933	ug/L		99
52) Ethylbenzene	9.57	91	133623	4.621	ug/L		98
53) m,p-Xylene	9.70	106	47913	4.397	ug/L		96
54) o-Xylene	10.10	106	49323	4.650	ug/L		99
55) Styrene	10.12	104	84039	4.553	ug/L		100
56) Isopropylbenzene	10.48	105	121780	4.245	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	37004	5.556	ug/L		97
59) 1,2,3-Trichloropropane	10.83	75	26633	5.425	ug/L		99
61) Bromoform	10.29	173	17419	5.421	ug/L		100
62) 1,3-Dichlorobenzene	11.74	146	58781	4.920	ug/L		97
63) 1,4-Dichlorobenzene	11.83	146	57578	4.804	ug/L		99
65) 1,2-Dichlorobenzene	12.21	146	59459	4.965	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.99	75	6602	6.241	ug/L		89
67) 1,3,5-Trichlorobenzene	13.21	180	42649	4.771	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	37192	4.862	ug/L		97
69) Naphthalene	14.08	128	75984	4.936	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	35824	5.054	ug/L		99

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

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