Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031920\
Data File : VU037345.D
Acq On : 19 Mar 2020 18:42
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00514

Quant Time: Mar 20 02:02:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 20 01:58:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	148230	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	148185	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	78410	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	29578	3.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.60%			
7) Chloroethane-d5	1.93	69	28529	4.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.60%			
11) 1,1-Dichloroethene-d2	2.59	63	70013	4.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.40%			
20) 2-Butanone-d5	4.67	46	111310	47.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.42%			
24) Chloroform-d	5.11	84	81335	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.74	65	47153	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
32) Benzene-d6	5.76	84	135541	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
36) 1,2-Dichloropropane-d6	6.72	67	45757	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.80%			
41) Toluene-d8	7.92	98	129834	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
43) trans-1,3-Dichloropropene-	8.20	79	19652	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	8.66	63	96212	47.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.10%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42609	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%			
64) 1,2-Dichlorobenzene-d4	12.21	152	55811	4.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	76171	4.440	ug/L	97
3) Chloromethane	1.53	50	75388	4.477	ug/L	97
5) Vinyl chloride	1.62	62	66968	4.442	ug/L	99
6) Bromomethane	1.87	94	21709	2.831	ug/L	96
8) Chloroethane	1.95	64	38174	4.390	ug/L	98
9) Trichlorofluoromethane	2.16	101	104254	4.584	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	49223	4.675	ug/L	96
12) 1,1-Dichloroethene	2.60	96	42638	4.487	ug/L	91
13) Acetone	2.66	43	82617	41.863	ug/L	99
14) Carbon disulfide	2.82	76	131764	4.302	ug/L	97
15) Methyl Acetate	2.98	43	21584	4.757	ug/L	98
16) Methylene chloride	3.08	84	49007	4.285	ug/L	96
17) Methyl tert-butyl Ether	3.40	73	120240	4.401	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	46813	4.571	ug/L	98
19) 1,1-Dichloroethane	3.91	63	92720	4.494	ug/L	95
21) 2-Butanone	4.75	43	138462	43.935	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	52953	4.660	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 20 01:58:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	23104	4.488 ug/L	98
25) Chloroform	5.13	83	102570	4.567 ug/L	99
27) 1,2-Dichloroethane	5.83	62	67649	4.286 ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	91057	4.493 ug/L	99
30) Cyclohexane	5.43	56	76983	4.240 ug/L	96
31) Carbon tetrachloride	5.56	117	83081	4.659 ug/L	100
33) Benzene	5.81	78	197993	4.449 ug/L	100
34) Trichloroethene	6.57	95	54038	4.445 ug/L	94
35) Methylcyclohexane	6.79	83	81693	4.443 ug/L	97
37) 1,2-Dichloropropane	6.82	63	52648	4.473 ug/L	100
38) Bromodichloromethane	7.14	83	74231	4.482 ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	80382	4.543 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	344999	43.465 ug/L	99
42) Toluene	8.00	91	221317	4.613 ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	69885	4.708 ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	38385	4.523 ug/L	95
47) Tetrachloroethene	8.58	164	43545	4.611 ug/L	96
48) 2-Hexanone	8.71	43	258541	44.358 ug/L	99
49) Dibromochloromethane	8.83	129	51071	4.614 ug/L	99
50) 1,2-Dibromoethane	8.95	107	38194	4.632 ug/L	99
51) Chlorobenzene	9.47	112	139603	4.508 ug/L	98
52) Ethylbenzene	9.59	91	247590	4.548 ug/L	100
53) m,p-Xylene	9.72	106	91132	4.552 ug/L	97
54) o-Xylene	10.12	106	90568	4.739 ug/L	99
55) Styrene	10.13	104	151115	4.699 ug/L	97
56) Isopropylbenzene	10.50	105	245285	4.593 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	50088	4.477 ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	36766	4.398 ug/L	96
61) Bromoform	10.31	173	30815	4.458 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	119364	4.535 ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	116474	4.445 ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	110870	4.327 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	9046	4.533 ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	91101	4.536 ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	70769	5.075 ug/L	98
69) Naphthalene	14.12	128	103821	5.198 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	67427	4.990 ug/L	99

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

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