Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101320\
Data File : VU040689.D
Acq On : 13 Oct 2020 17:47
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Oct 14 06:06:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 14 05:57:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127757	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	70303	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	40688	3.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.80%			
7) Chloroethane-d5	1.92	69	37370	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.58	63	90965	4.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.00%			
20) 2-Butanone-d5	4.66	46	187002	55.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.40%			
24) Chloroform-d	5.08	84	94403	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.72	65	55159	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.74	84	163397	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.70	67	56594	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.91	98	147520	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	8.19	79	23987	4.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.20%			
46) 2-Hexanone-d5	8.64	63	137978	54.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.60%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54354	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	62633	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	59329	5.125	ug/L	98
3) Chloromethane	1.53	50	50557	4.670	ug/L	100
5) Vinyl chloride	1.61	62	54709	4.799	ug/L	99
6) Bromomethane	1.87	94	26732	4.318	ug/L	96
8) Chloroethane	1.94	64	35525	4.894	ug/L	94
9) Trichlorofluoromethane	2.15	101	83047	5.073	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	54885	5.165	ug/L	96
12) 1,1-Dichloroethene	2.59	96	46099	5.057	ug/L	95
13) Acetone	2.67	43	132519	50.467	ug/L	100
14) Carbon disulfide	2.81	76	112252	4.399	ug/L	97
15) Methyl Acetate	2.97	43	30203	5.037	ug/L	99
16) Methylene chloride	3.06	84	54273	4.637	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	127455	4.945	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	45902	4.810	ug/L	98
19) 1,1-Dichloroethane	3.89	63	100047	5.070	ug/L	99
21) 2-Butanone	4.74	43	209710	51.225	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	52998	5.150	ug/L	93

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	25711	5.029	ug/L	97
25) Chloroform	5.11	83	106428	5.282	ug/L	99
27) 1,2-Dichloroethane	5.81	62	73890	5.181	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	88141	5.092	ug/L	98
30) Cyclohexane	5.41	56	73389	4.601	ug/L	97
31) Carbon tetrachloride	5.54	117	76360	5.155	ug/L	98
33) Benzene	5.79	78	207982	5.026	ug/L	100
34) Trichloroethene	6.55	95	54255	5.058	ug/L	91
35) Methylcyclohexane	6.77	83	71400	4.694	ug/L	99
37) 1,2-Dichloropropane	6.80	63	59922	5.197	ug/L	100
38) Bromodichloromethane	7.12	83	78266	5.310	ug/L	96
39) cis-1,3-Dichloropropene	7.62	75	77586	4.925	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	477539	51.949	ug/L	99
42) Toluene	7.98	91	223762	5.306	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	75254	5.189	ug/L	95
45) 1,1,2-Trichloroethane	8.40	97	43963	5.091	ug/L	99
47) Tetrachloroethene	8.56	164	40067	5.235	ug/L	96
48) 2-Hexanone	8.69	43	366056	53.486	ug/L	99
49) Dibromochloromethane	8.82	129	52732	5.307	ug/L	98
50) 1,2-Dibromoethane	8.93	107	41499	5.066	ug/L	99
51) Chlorobenzene	9.45	112	142947	5.146	ug/L	97
52) Ethylbenzene	9.57	91	233978	5.127	ug/L	100
53) m,p-Xylene	9.70	106	89698	5.392	ug/L	97
54) o-Xylene	10.10	106	84664	5.293	ug/L	95
55) Styrene	10.11	104	155398	5.594	ug/L	99
56) Isopropylbenzene	10.48	105	227360	5.280	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	58404	5.151	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	43816	5.173	ug/L	96
61) Bromoform	10.29	173	29741	4.935	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	117709	5.116	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	119766	5.048	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	111280	4.947	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9300	4.722	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	79020	4.840	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	61209	4.852	ug/L	98
69) Naphthalene	14.08	128	95113	4.609	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	60390	5.156	ug/L	99

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

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