Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091820\
Data File : VU040224.D
Acq On : 18 Sep 2020 20:18
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00514

Quant Time: Sep 18 23:25:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110199	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109469	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55080	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	32197	5.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.00%			
7) Chloroethane-d5	1.92	69	28831	5.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.00%			
11) 1,1-Dichloroethene-d2	2.58	63	80265	5.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.00%			
20) 2-Butanone-d5	4.66	46	146499	60.87	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.74%			
24) Chloroform-d	5.09	84	78047	5.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.00%			
26) 1,2-Dichloroethane-d4	5.72	65	47680	5.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.00%			
32) Benzene-d6	5.74	84	139308	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.00%			
36) 1,2-Dichloropropane-d6	6.70	67	45788	5.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.60%			
41) Toluene-d8	7.91	98	120336	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
43) trans-1,3-Dichloropropene-	8.19	79	20046	5.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.60%			
46) 2-Hexanone-d5	8.64	63	108177	59.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.02%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43986	6.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 120.80%#			
64) 1,2-Dichlorobenzene-d4	12.19	152	46687	5.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	53974	4.935	ug/L	100
3) Chloromethane	1.53	50	51811	4.948	ug/L	98
5) Vinyl chloride	1.61	62	51858	4.885	ug/L	97
6) Bromomethane	1.87	94	28390	5.232	ug/L	94
8) Chloroethane	1.94	64	33195	5.204	ug/L	97
9) Trichlorofluoromethane	2.15	101	80600	5.301	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	52331	5.309	ug/L	99
12) 1,1-Dichloroethene	2.59	96	46453	5.447	ug/L	93
13) Acetone	2.67	43	115454	51.824	ug/L	96
14) Carbon disulfide	2.81	76	126082	4.611	ug/L	99
15) Methyl Acetate	2.98	43	26835	4.799	ug/L	99
16) Methylene chloride	3.06	84	55081	4.932	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	131800	5.128	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	47862	5.217	ug/L	95
19) 1,1-Dichloroethane	3.89	63	97192	5.147	ug/L	99
21) 2-Butanone	4.74	43	191942	52.773	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	52945	5.367	ug/L	94

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Instrument : MSVOA_U
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Quant Time: Sep 18 23:25:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	25996	6.015	ug/L	92
25) Chloroform	5.11	83	108462	5.609	ug/L	97
27) 1,2-Dichloroethane	5.81	62	75346	5.318	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	89551	5.210	ug/L	99
30) Cyclohexane	5.40	56	76283	4.577	ug/L	98
31) Carbon tetrachloride	5.54	117	74216	5.046	ug/L	96
33) Benzene	5.79	78	207006	5.286	ug/L	100
34) Trichloroethene	6.56	95	53412	5.085	ug/L	97
35) Methylcyclohexane	6.77	83	72586	4.513	ug/L	97
37) 1,2-Dichloropropane	6.80	63	56696	5.347	ug/L	99
38) Bromodichloromethane	7.12	83	74089	5.118	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	75202	4.809	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	452526	52.011	ug/L	98
42) Toluene	7.98	91	215018	5.331	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	70859	4.890	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	42330	5.480	ug/L	98
47) Tetrachloroethene	8.56	164	37049	5.369	ug/L	98
48) 2-Hexanone	8.69	43	339126	53.436	ug/L	98
49) Dibromochloromethane	8.81	129	50195	5.413	ug/L	99
50) 1,2-Dibromoethane	8.93	107	40071	5.380	ug/L	97
51) Chlorobenzene	9.45	112	138231	5.521	ug/L	95
52) Ethylbenzene	9.57	91	230997	5.041	ug/L	100
53) m,p-Xylene	9.69	106	86289	5.289	ug/L	98
54) o-Xylene	10.10	106	85089	5.473	ug/L	99
55) Styrene	10.11	104	151951	5.620	ug/L	95
56) Isopropylbenzene	10.48	105	227238	5.359	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	53605	5.412	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	42403	5.397	ug/L	99
61) Bromoform	10.29	173	26480	5.241	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	106331	5.282	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	106007	5.204	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	101876	5.230	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	9557	4.587	ug/L	87
67) 1,3,5-Trichlorobenzene	13.21	180	67546	4.772	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	56937	4.670	ug/L	99
69) Naphthalene	14.08	128	105558	4.153	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	54898	4.902	ug/L	96

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

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