Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU083120\
Data File : VU040007.D
Acq On : 31 Aug 2020 16:02
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00515

Quant Time: Sep 01 01:43:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 31 18:16:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119198	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56475	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	32232	4.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.00%			
7) Chloroethane-d5	1.92	69	28829	5.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.40%			
11) 1,1-Dichloroethene-d2	2.58	63	86853	5.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.00%			
20) 2-Butanone-d5	4.66	46	134536	51.68	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.36%			
24) Chloroform-d	5.08	84	74465	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.72	65	46874	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.74	84	143006	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
36) 1,2-Dichloropropane-d6	6.70	67	46637	5.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.00%			
41) Toluene-d8	7.91	98	129496	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.40%			
43) trans-1,3-Dichloropropene-	8.19	79	21051	5.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.20%			
46) 2-Hexanone-d5	8.64	63	101248	51.86	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.72%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40044	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	46750	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	55898	4.725	ug/L	99
3) Chloromethane	1.53	50	56500	4.989	ug/L	100
5) Vinyl chloride	1.61	62	54785	4.771	ug/L	100
6) Bromomethane	1.87	94	31061	5.293	ug/L	97
8) Chloroethane	1.94	64	34169	4.952	ug/L	98
9) Trichlorofluoromethane	2.15	101	81336	4.945	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	50793	4.764	ug/L	99
12) 1,1-Dichloroethene	2.59	96	45872	4.973	ug/L	96
13) Acetone	2.67	43	113722	47.192	ug/L	96
14) Carbon disulfide	2.81	76	139905	4.730	ug/L	99
15) Methyl Acetate	2.98	43	25827	4.270	ug/L	98
16) Methylene chloride	3.06	84	56454	4.673	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	130823	4.705	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	47228	4.760	ug/L	96
19) 1,1-Dichloroethane	3.89	63	100429	4.917	ug/L	98
21) 2-Butanone	4.75	43	184221	46.826	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	52917	4.959	ug/L	98

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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	22647	4.844	ug/L	90
25) Chloroform	5.11	83	106600	5.096	ug/L	98
27) 1,2-Dichloroethane	5.81	62	72752	4.747	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	88862	4.854	ug/L	98
30) Cyclohexane	5.40	56	86030	4.846	ug/L	99
31) Carbon tetrachloride	5.54	117	74320	4.744	ug/L	96
33) Benzene	5.79	78	205481	4.927	ug/L	100
34) Trichloroethene	6.55	95	52026	4.650	ug/L	98
35) Methylcyclohexane	6.77	83	80845	4.719	ug/L	99
37) 1,2-Dichloropropane	6.80	63	56930	5.041	ug/L	99
38) Bromodichloromethane	7.12	83	74484	4.831	ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	80120	4.810	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	439429	47.423	ug/L	99
42) Toluene	7.98	91	212661	4.951	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	73073	4.735	ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	39355	4.784	ug/L	97
47) Tetrachloroethene	8.56	164	35227	4.794	ug/L	97
48) 2-Hexanone	8.69	43	322463	47.709	ug/L	100
49) Dibromochloromethane	8.82	129	46697	4.729	ug/L	100
50) 1,2-Dibromoethane	8.93	107	37291	4.701	ug/L	95
51) Chlorobenzene	9.45	112	132127	4.955	ug/L	98
52) Ethylbenzene	9.57	91	236373	4.843	ug/L	98
53) m,p-Xylene	9.69	106	85699	4.932	ug/L	99
54) o-Xylene	10.10	106	82280	4.969	ug/L	99
55) Styrene	10.11	104	147487	5.122	ug/L	99
56) Isopropylbenzene	10.48	105	230594	5.107	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	49109	4.655	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	38905	4.650	ug/L	97
61) Bromoform	10.29	173	24227	4.677	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	98975	4.795	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	100582	4.816	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	94893	4.751	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9284	4.346	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	67595	4.657	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	59435	4.754	ug/L	99
69) Naphthalene	14.08	128	120770	4.635	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	54039	4.706	ug/L	99

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

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