Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU093020\
Data File : VU040389.D
Acq On : 30 Sep 2020 09:32
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

Quant Time: Oct 01 03:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 02:48:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130733	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130123	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	69078	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	30959	4.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.60%			
7) Chloroethane-d5	1.92	69	29429	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.80%			
11) 1,1-Dichloroethene-d2	2.58	63	79655	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.40%			
20) 2-Butanone-d5	4.65	46	173197	53.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.74%			
24) Chloroform-d	5.08	84	79324	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.72	65	48414	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	5.74	84	138042	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
36) 1,2-Dichloropropane-d6	6.70	67	48340	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.90	98	122189	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.60%			
43) trans-1,3-Dichloropropene-	8.18	79	19436	4.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.60%			
46) 2-Hexanone-d5	8.64	63	128676	56.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.04%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49448	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	53708	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	71317	5.440	ug/L	98
3) Chloromethane	1.53	50	65684	5.109	ug/L	99
5) Vinyl chloride	1.61	62	69599	5.508	ug/L	100
6) Bromomethane	1.87	94	33606	5.468	ug/L	97
8) Chloroethane	1.94	64	41724	5.571	ug/L	98
9) Trichlorofluoromethane	2.15	101	95839	5.498	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	61292	5.507	ug/L	100
12) 1,1-Dichloroethene	2.59	96	53407	5.364	ug/L	97
13) Acetone	2.65	43	149805	55.918	ug/L	100
14) Carbon disulfide	2.81	76	169991	5.402	ug/L	100
15) Methyl Acetate	2.96	43	35707	5.534	ug/L	98
16) Methylene chloride	3.06	84	64212	5.134	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	147464	5.376	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	55935	5.433	ug/L	97
19) 1,1-Dichloroethane	3.89	63	115029	5.444	ug/L	98
21) 2-Butanone	4.73	43	247862	57.641	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	61808	5.427	ug/L	92

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.99	128	28906	5.544 ug/L		95
25) Chloroform	5.11	83	120141	5.574 ug/L		99
27) 1,2-Dichloroethane	5.81	62	85812	5.750 ug/L		96
29) 1,1,1-Trichloroethane	5.33	97	98894	5.564 ug/L		99
30) Cyclohexane	5.40	56	101457	5.517 ug/L		97
31) Carbon tetrachloride	5.54	117	85925	5.638 ug/L		99
33) Benzene	5.79	78	247588	5.675 ug/L		100
34) Trichloroethene	6.55	95	62708	5.414 ug/L		95
35) Methylcyclohexane	6.77	83	95568	5.626 ug/L		99
37) 1,2-Dichloropropane	6.80	63	68246	5.617 ug/L		99
38) Bromodichloromethane	7.11	83	84442	5.629 ug/L		98
39) cis-1,3-Dichloropropene	7.61	75	90880	5.577 ug/L		94
40) 4-Methyl-2-pentanone	7.80	43	563216	59.197 ug/L		100
42) Toluene	7.97	91	256589	5.736 ug/L		99
44) trans-1,3-Dichloropropene	8.21	75	85367	5.682 ug/L		100
45) 1,1,2-Trichloroethane	8.40	97	47871	5.621 ug/L		97
47) Tetrachloroethene	8.56	164	46325	5.633 ug/L		99
48) 2-Hexanone	8.69	43	424984	60.618 ug/L		99
49) Dibromochloromethane	8.81	129	57736	5.828 ug/L		99
50) 1,2-Dibromoethane	8.93	107	46354	5.674 ug/L		94
51) Chlorobenzene	9.45	112	161110	5.570 ug/L		98
52) Ethylbenzene	9.57	91	273290	5.630 ug/L		100
53) m,p-Xylene	9.69	106	104569	5.782 ug/L		97
54) o-Xylene	10.10	106	98059	5.764 ug/L		96
55) Styrene	10.11	104	177292	5.974 ug/L		98
56) Isopropylbenzene	10.48	105	267698	5.831 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	64871	5.620 ug/L	#	99
59) 1,2,3-Trichloropropane	10.82	75	48284	5.483 ug/L		99
61) Bromoform	10.29	173	32175	5.636 ug/L		99
62) 1,3-Dichlorobenzene	11.74	146	131665	5.757 ug/L		99
63) 1,4-Dichlorobenzene	11.83	146	133237	5.601 ug/L		98
65) 1,2-Dichlorobenzene	12.20	146	122271	5.500 ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.99	75	11076	5.527 ug/L		95
67) 1,3,5-Trichlorobenzene	13.21	180	90673	5.554 ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	72013	5.489 ug/L		99
69) Naphthalene	14.08	128	121181	5.405 ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	68239	5.685 ug/L		98

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

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