Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072720\
Data File : VV017691.D
Acq On : 27 Jul 2020 20:42
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 28 07:26:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 28 04:52:47 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Manual Integrations APPROVED
MMDadoda
7/29/2020 11:41:21 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161417	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	156839	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	89360	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	33183	4.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.20%			
7) Chloroethane-d5	1.58	69	26762	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.12	63	82084	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.00%			
20) 2-Butanone-d5	3.94	46	79823	43.29	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.58%			
24) Chloroform-d	4.38	84	91071	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.06	65	46533	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.07	84	150457	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
36) 1,2-Dichloropropane-d6	6.10	67	40970	4.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.20%			
41) Toluene-d8	7.34	98	149352	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
45) trans-1,3-Dichloropropene-	7.64	79	19814	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
48) 2-Hexanone-d5	8.11	63	56554	41.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.80%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29536	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	61447	4.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	85701	4.845	ug/L	99
3) Chloromethane	1.25	50	55541	4.827	ug/L	96
5) Vinyl chloride	1.32	62	57527	4.988	ug/L	98
6) Bromomethane	1.53	94	35735	4.821	ug/L	100
8) Chloroethane	1.60	64	33817	5.080	ug/L	96
9) Trichlorofluoromethane	1.76	101	109969	5.332	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	48982	5.085	ug/L	95
12) 1,1-Dichloroethene	2.13	96	47937	5.515	ug/L	94
13) Acetone	2.22	43	67994m	47.105	ug/L	
14) Carbon disulfide	2.31	76	134814	5.102	ug/L	99
15) Methyl Acetate	2.46	43	15826	5.635	ug/L #	84
16) Methylene chloride	2.52	84	50001	5.170	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	111725	5.015	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	49607	5.238	ug/L	98
19) 1,1-Dichloroethane	3.21	63	95609	4.800	ug/L	99
21) 2-Butanone	4.03	43	106399	43.653	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	57414	4.814	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	26678	4.854 ug/L	93
25) Chloroform	4.40	83	116313	5.203 ug/L	94
27) 1,2-Dichloroethane	5.16	62	73132	5.045 ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	112752	5.138 ug/L	99
30) Cyclohexane	4.70	56	76847	4.420 ug/L	95
31) Carbon tetrachloride	4.85	117	102883	5.271 ug/L	99
33) Benzene	5.12	78	214213	4.825 ug/L	100
34) Trichloroethene	5.94	95	60806	4.903 ug/L	98
35) Methylcyclohexane	6.15	83	84643	4.512 ug/L	97
37) 1,2-Dichloropropane	6.20	63	49447	4.739 ug/L	99
38) Bromodichloromethane	6.53	83	76901	5.010 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	72749	4.623 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	245835	42.974 ug/L	99
42) Toluene	7.41	91	240490	4.966 ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	230299	5.093 ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	239014	5.174 ug/L	99
46) trans-1,3-Dichloropropene	7.68	75	64760	4.584 ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	36516	4.615 ug/L	92
49) Tetrachloroethene	7.99	164	54530	4.988 ug/L	96
50) 2-Hexanone	8.16	43	181095	44.741 ug/L	98
51) Dibromochloromethane	8.27	129	50875	5.052 ug/L	97
52) 1,2-Dibromoethane	8.38	107	34658	4.642 ug/L	97
53) Chlorobenzene	8.90	112	158161	4.898 ug/L	99
54) Ethylbenzene	9.03	91	272050	5.017 ug/L	99
55) m,p-xylene	9.16	106	106111	5.196 ug/L	98
56) o-xylene	9.56	106	99363	5.014 ug/L	97
57) Styrene	9.58	104	172651	5.221 ug/L	97
58) Isopropylbenzene	9.95	105	281748	5.154 ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	37580	4.359 ug/L	94
62) Bromoform	9.75	173	26528	4.639 ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	140437	4.881 ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	139026	4.815 ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	126696	4.834 ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	7909	4.826 ug/L	90
68) 1,3,5-Trichlorobenzene	12.67	180	108750	4.653 ug/L	98
69) 1,2,4-trichlorobenzene	13.28	180	91624	4.687 ug/L	99
70) Naphthalene	13.52	128	119921	4.400 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	80361	4.639 ug/L	97

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

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