Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112420\
Data File : VU041423.D
Acq On : 24 Nov 2020 18:08
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Quant Time: Nov 25 07:40:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 25 07:37:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63999	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68088	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37662	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	17471	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.92	69	13347	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.60%			
11) 1,1-Dichloroethene-d2	2.58	63	39002	4.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.40%			
20) 2-Butanone-d5	4.65	46	61292	53.49	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.98%			
24) Chloroform-d	5.08	84	41196	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	5.72	65	26970	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.74	84	67228	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.80%			
36) 1,2-Dichloropropane-d6	6.70	67	21326	4.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.40%			
41) Toluene-d8	7.91	98	67822	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
43) trans-1,3-Dichloropropene-	8.19	79	11336	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.20%			
46) 2-Hexanone-d5	8.64	63	45186	57.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.78%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23925	5.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	28847	4.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	32382	5.237	ug/L	100
3) Chloromethane	1.53	50	24705	4.699	ug/L	96
5) Vinyl chloride	1.61	62	26567	4.750	ug/L	99
6) Bromomethane	1.87	94	9947	4.716	ug/L	98
8) Chloroethane	1.94	64	15879	5.008	ug/L	91
9) Trichlorofluoromethane	2.15	101	49166	5.677	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	22405	5.022	ug/L	92
12) 1,1-Dichloroethene	2.59	96	19941	5.060	ug/L	90
13) Acetone	2.66	43	49016	63.292	ug/L	100
14) Carbon disulfide	2.81	76	63302	4.599	ug/L	100
15) Methyl Acetate	2.97	43	10444	5.724	ug/L	93
16) Methylene chloride	3.06	84	24526	4.355	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	49788	5.073	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	20410	4.775	ug/L	95
19) 1,1-Dichloroethane	3.89	63	39746	4.675	ug/L	98
21) 2-Butanone	4.73	43	70879	57.623	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	21803	4.797	ug/L	91

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 25 07:37:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	11300	5.630 ug/L	90
25) Chloroform	5.11	83	47392	5.073 ug/L	98
27) 1,2-Dichloroethane	5.81	62	36576	6.013 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	44758	5.261 ug/L	96
30) Cyclohexane	5.40	56	30487	4.203 ug/L	92
31) Carbon tetrachloride	5.54	117	40238	5.256 ug/L	99
33) Benzene	5.79	78	85052	4.657 ug/L	100
34) Trichloroethene	6.55	95	24130	4.851 ug/L	96
35) Methylcyclohexane	6.77	83	33172	4.574 ug/L	97
37) 1,2-Dichloropropane	6.80	63	22137	4.418 ug/L #	97
38) Bromodichloromethane	7.11	83	33945	5.003 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	33473	4.840 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	168069	54.666 ug/L	97
42) Toluene	7.97	91	95440	4.901 ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	32898	5.213 ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	18431	5.367 ug/L	96
47) Tetrachloroethene	8.56	164	19316	5.187 ug/L	96
48) 2-Hexanone	8.69	43	130003	57.638 ug/L	98
49) Dibromochloromethane	8.81	129	23931	5.472 ug/L	98
50) 1,2-Dibromoethane	8.93	107	18264	5.561 ug/L #	97
51) Chlorobenzene	9.45	112	62336	4.945 ug/L	97
52) Ethylbenzene	9.57	91	103812	4.987 ug/L	99
53) m,p-Xylene	9.70	106	39811	5.222 ug/L	98
54) o-Xylene	10.10	106	38327	5.219 ug/L	97
55) Styrene	10.11	104	68086	5.556 ug/L	99
56) Isopropylbenzene	10.48	105	106132	5.382 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	25719	6.019 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	20400	6.232 ug/L	99
61) Bromoform	10.29	173	15301	5.762 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	53945	4.953 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	53792	4.995 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	50662	5.028 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	4822	6.107 ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	37715	4.927 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	28348	4.718 ug/L	98
69) Naphthalene	14.08	128	43272	4.584 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	26576	4.840 ug/L	99

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

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