Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121020\
Data File : VU041551.D
Acq On : 10 Dec 2020 21:18
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Dec 11 06:10:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 06:06:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	46181	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	45565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27133	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	11042	4.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.20%			
7) Chloroethane-d5	1.92	69	10546	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.40%			
11) 1,1-Dichloroethene-d2	2.58	63	27887	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.00%			
20) 2-Butanone-d5	4.66	46	32309	36.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.64%			
24) Chloroform-d	5.08	84	33501	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.72	65	20611	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.74	84	49834	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.70	67	12699	4.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.60%			
41) Toluene-d8	7.91	98	52141	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
43) trans-1,3-Dichloropropene-	8.19	79	8213	4.67	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.40%			
46) 2-Hexanone-d5	8.64	63	25426	34.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 69.48%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	13207	4.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	24204	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	18801	4.598	ug/L	99
3) Chloromethane	1.53	50	10564	3.997	ug/L	95
5) Vinyl chloride	1.61	62	13647	4.331	ug/L	97
6) Bromomethane	1.87	94	11169	5.127	ug/L	92
8) Chloroethane	1.94	64	9011	4.396	ug/L	90
9) Trichlorofluoromethane	2.15	101	36014	5.130	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	15836	5.033	ug/L	90
12) 1,1-Dichloroethene	2.59	96	13349	4.938	ug/L	98
13) Acetone	2.66	43	26029	37.589	ug/L	98
14) Carbon disulfide	2.81	76	37058	4.447	ug/L	97
15) Methyl Acetate	2.97	43	4845	3.824	ug/L	96
16) Methylene chloride	3.06	84	15369	4.259	ug/L	85
17) Methyl tert-butyl Ether	3.38	73	36624	4.465	ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	13758	5.039	ug/L	87
19) 1,1-Dichloroethane	3.89	63	23196	4.598	ug/L	94
21) 2-Butanone	4.74	43	32905	37.976	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	14758	4.874	ug/L	91

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Dec 11 06:10:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 06:06:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	8049	5.086 ug/L	91
25) Chloroform	5.11	83	31557	4.910 ug/L	99
27) 1,2-Dichloroethane	5.81	62	23392	4.657 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	32071	4.912 ug/L	96
30) Cyclohexane	5.41	56	16519	4.023 ug/L	88
31) Carbon tetrachloride	5.54	117	30463	5.038 ug/L	98
33) Benzene	5.79	78	51419	4.559 ug/L	100
34) Trichloroethene	6.55	95	16630	4.886 ug/L	93
35) Methylcyclohexane	6.77	83	21652	4.663 ug/L	94
37) 1,2-Dichloropropane	6.80	63	11620	4.397 ug/L	100
38) Bromodichloromethane	7.11	83	23374	4.841 ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	20843	4.366 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	76544	36.148 ug/L #	94
42) Toluene	7.98	91	61534	4.848 ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	21652	4.541 ug/L	93
45) 1,1,2-Trichloroethane	8.40	97	11491	4.508 ug/L	94
47) Tetrachloroethene	8.56	164	15204	5.655 ug/L	98
48) 2-Hexanone	8.69	43	59916	35.213 ug/L #	95
49) Dibromochloromethane	8.82	129	18058	5.200 ug/L	98
50) 1,2-Dibromoethane	8.93	107	12092	4.703 ug/L	95
51) Chlorobenzene	9.45	112	43115	5.097 ug/L	96
52) Ethylbenzene	9.57	91	70039	4.815 ug/L	98
53) m,p-Xylene	9.69	106	26701	5.057 ug/L	98
54) o-Xylene	10.10	106	25244	4.931 ug/L	94
55) Styrene	10.11	104	45713	5.258 ug/L	91
56) Isopropylbenzene	10.48	105	72696	5.030 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	13416	4.285 ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	11002	4.290 ug/L	97
61) Bromoform	10.29	173	11977	5.253 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	39538	5.171 ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	38798	4.949 ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	37801	4.993 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	3122	4.210 ug/L #	85
67) 1,3,5-Trichlorobenzene	13.21	180	30671	5.020 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	23172	4.738 ug/L	99
69) Naphthalene	14.08	128	31259	4.068 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	22313	5.155 ug/L	96

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

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